INSTRUMENTS, SCALES & ELECTRICAL

Instruments 1400-1439

Scales 1440-1447

Work Lights & Cord Reels 1448-1453

Warning Systems 1454-1457

Emergency & Industrial Lighting 1458-1461

Extension Cords & Outlets 1462-1469

Electrical Tapes 1470

Flashlights & Batteries 1471-1481

LIND EQUIPMENT

STREAMLIGHT
Heroes Trust Streamlight

REED

OHAUS

DIGITAL MULTIMETER

- True RMS AC/DC voltage and current measurements
- 0.05% basic DC accuracy
- 40,000-count resolution
- Measures frequency, capacitance and temperature
- Diode check and continuity test
- Backlit LCD readout with analog bar graph
- 1000 V input protection on all ranges
- 4-20 mA process loop measurements with % readout
- Data hold, Max/Min recording mode
- Peak capture mode
- IP67 dust and waterproof
- EN61010-1 Cat. IV 600 V, Cat. III 1000 V safety rating
- Includes test leads and 9 V battery

SPECIFICATIONS:

AC/DC Voltage Range:	1000 V
Accuracy:	AC: ± 1.0%; DC: ± 0.05%
AC/DC Current Range:	10 A
Accuracy:	AC: ± 1.5%; DC: ± 1.0%
Resistance Range:	40 MΩ
Accuracy:	± 0.3%
Frequency Range:	10 MHz
Accuracy:	± 0.1%
Capacitance Range:	40 mF
Accuracy:	± 3.5%
Duty Cycle Range:	99.9%
Accuracy:	± 1.2%
Temperature Range:	760°C (1400°F)
Accuracy:	± 1.0%
Dimensions:	182 x 82 x 55 mm
Weight:	360 g

REED

Model No.	Mfg. No.	Description	Price/Each
XC308	ST-9919	Digital Multimeter	139.00

DIGITAL MULTIMETER

- Tough and compact
- Designed for the contracting electrician
- 4000-count LCD display with backlight
- Auto and manual ranging
- Data Hold and Relative functions
- Diode check and continuity functions
- Includes test leads and protective holster
- AC/DC Current Range: 10 A
- AC/DC Voltage Range: 600 V
- Resistance Range: 40 MΩ
- Capacitance Range: 200 µF
- Frequency Range: 9.999 MHz
- Temperature Range: 760°F/400°C

REED

Model No.	Mfg. No.	Description	Price/Each
HX505	ST-202	AC/DC Multimeter w/ Temperature	79.00

Can't find what you're looking for?
Call us today!

DIGITAL MULTIMETER

REED

IA197

IA198

IA199

Model No.	IA197	IA198	IA199
Display counts	4000	4000	4000
True RMS measurements			•
Frequency			•
Capacitance			•
Temperature		•	•
Relative zero	•	•	•
Data hold	•	•	•
Max/Min recording			•
Peak recording			•
Auto ranging	•	•	•
Auto power off	•	•	•
Cat. IV 600 V, Cat. III 1000 V	•	•	•
Test leads & 9 V battery	•	•	•
K-type temperature probe		•	•

Function	Range	Accuracy	IA197	IA198	IA199
AC Voltage	1000 V	± 0.8%	•	•	•
DC Voltage	1000 V	± 0.5%	•	•	•
AC Current	10 A	± 1.8%	•	•	•
DC Current	10 A	± 1.2%	•	•	•
Resistance	40 MΩ	± 0.8%	•	•	•
Temperature	760°C/1400°F	± 3.0%		•	•
Duty Cycle	99.9%	± 1.2%	•	•	
Frequency	10 MHz	± 1.5%			•
Capacitance	200 µF	± 3.0%		•	•
	40 mF	± 3.0%			•
Diode Check			•	•	•
Continuity			•	•	•
Dimensions	182 x 82 x 55 mm				
Weight	360 g				
Mfg.No.			ST-9915	ST-9917	ST-9918T
Price/Each			99.00	109.00	129.00

MULTIMETER

- True RMS measurements
- Auto and manual ranging
- Data Hold and auto shut off
- Diode check and continuity functions
- Audible and visual safety warnings
- High contrast 4000-count LCD with backlight
- AC/DC Current Range: 20 A
- AC Voltage Range: 750 V
- DC Voltage Range: 1000 V
- Resistance Range: 40 MΩ
- Continuity Range: 30 Ω
- Capacitance Range: 100 µF
- Frequency Range: 9.999 MHz
- Temperature Range: Max. 1832°F/1000°C

REED

Model No.	Mfg. No.	Description	Price/Each
HX396	ST-9933	Digital Multimeter	139.00

R25289E

VOLTAGE DETECTOR

- Detects voltage without contact
- AC Voltage Range 90 to 600 V
- Flashing red LED indicator
- For use on 50/60 Hz circuits
- Double moulded plastic housing
- All outer surfaces are non-conductive for safety
- Convenient size with pocket clip
- Cat. III 1000 V safety rating

BUILT-IN FLASHLIGHT

REED

Model No.	Mfg. No.	Description	Price /Each
IA045	AC-9	AC Voltage Detector	15.00

VOLTAGE TESTERS

- Automatically selects AC voltage, DC voltage or continuity
- Non-contact AC voltage detection
- Automtaically turns on and off
- Visual (LED) and audible (buzzer) continuity indications
- Polarity indication
- Cat. III, 600 V safety rating

MODEL IA043

- Seven LEDs indicate AC or DC voltage levels
- AC Voltage Range: 24, 120, 208, 240, 277, 480, 600 V
- DC Voltage Range: 6, 12, 24, 36, 48, 110, 220 V
- Continuity: 0 to 85 kΩ

MODEL IA044

- Easy-to-read 1999-count LCD indicates AC or DC voltage levels
- AC/DC Voltage Range: 4 to 600 V
- Continuity: 0 to 10 kΩ

IA043

IA044

REED

Model No.	Mfg. No.	Description	Price/Each
IA043	ST-9902N	Voltage/Continuity Tester	49.00
IA044	ST-9903N	Digital Voltage/Continuity Tester	59.00

MULTIMETER

- Non-contact voltage detector
- AC Voltage Range: 100 to 600 V
- Auto-ranging multimeter
- AC/DC Voltage Range: 600 V
- AC/DC Current Range: 200 mA
- Resistance Range: 20 MΩ
- Diode check and continuity test
- Flashlight
- Auto power off
- Double moulded housing and test leads
- EN61010-1 Cat. III, 1000 V safety rating
- 0.2 A/500 V resettable fuse protection
- 2000-count LCD

REED

Model No.	Mfg. No.	Description	Price/Each
IA050	ST-118	Voltage Detector/Multimeter	46.00

DIGITAL MULTIMETER WITH AC/DC OPEN CLAMP SENSOR

- Measures AC and DC current up to 60 A
- Measures AC and DC voltage up to 600 V
- 3400-count digital display with bargraph
- Cat. III 300 V safety rating
- Sleep function conserves battery life

KYORITSU

Model No.	Mfg. No.	Description	Price/Each
IA170	KEW2000	Digital Multimeter	208.00

DIGITAL MULTIMETER

- 0.5% basic DC accuracy
- 4,000-count resolution
- Diode check and continuity test
- Data hold function
- Auto ranging and auto power off
- Double moulded plastic housing
- EN61010-1 Cat. III 600 V safety rating
- Includes Type K temperature probe, test leads and 9 V battery

REED

Model No. IA406
Mfg. No. ST-922
Price/Each $79.00

SPECIFICATIONS:

AC/DC Voltage Range:	600 V
Accuracy:	AC: ± 1.2%; DC: ± 0.5%
AC/DC Current Range:	10 A
Accuracy:	AC: ± 3.0%; DC: ± 2.5%
Resistance Range:	40 MΩ
Accuracy:	± 0.8%
Frequency Range:	10 MHz
Accuracy:	± 1.5%
Capacitance Range:	200 µF
Accuracy:	± 3.0%
Duty Cycle Range:	99.9%
Accuracy:	± 1.2%
Temperature Range:	760°C (1400°F)
Accuracy:	± 3.0%
Dimensions:	150 x 70 x 48 mm
Weight:	255 g

R29278E

DMM/IR THERMOMETER COMBO KIT

- Multimeter and infrared thermometer combo kit
- **IA406** autoranging digital multimeter with temperature function
- **HX243** infrared thermometer with laser sighting
- **IA045** non-contact voltage detector with built-in flashlight
- **HX358** temperature input adapter with **HK953** thermocouple wire probe

REED

Model No. IA539
Mfg. No. ST-TEMPKIT
Price/Each $195.00

INDUSTRIAL COMBO KIT

- Multimeter and clamp meter combo kit
- **HX396** True RMS AC/DC multimeter with temperature function
- **HX319** AC clamp meter with temperature function
- **IA045** non-contact voltage detector with built-in flashlight
- **HX358** temperature input adapter with **HK953** thermocouple wire probe
- **IA181** safety test leads

REED

Model No. IA536
Mfg. No. ST-INDUSKIT
Price/Each $199.00

JR. ELECTRICIAN COMBO KIT

- Clamp meter and voltage/continuity tester combo kit
- **HX379** AC clamp meter with temperature function
- **IA043** voltage/continuity tester
- **IA045** non-contact voltage detector with built-in flashlight
- **HX358** temperature input adapter with **HK953** thermocouple wire probe
- **IA181** safety test leads

REED

Model No. IA538
Mfg. No. ST-ELECTRICKIT
Price/Each $129.00

HVAC COMBO KIT

- True RMS multimeter & clamp meter combo kit
- **HX396** True RMS AC/DC multimeter with temperature function
- **IA195** True RMS AC/DC clamp meter with temperature function
- **IA045** non-contact voltage detector with built-in flashlight
- **HX358** temperature input adapter with **HK953** thermocouple wire probe
- **IA181** safety test leads

REED

Model No. IA537
Mfg. No. ST-HVACKIT
Price/Each $359.00

AC/DC CLAMP-ON ADAPTER

- Range: 0 to 200 A AC/DC, 0 to 2000 A AC/DC
- Accuracy: ± 2 % up to 200 A, ± 3 % up to 1500 A w/ push button zero
- Output: 1 mV per 1 A
- Jaw Opening: 2.5" (64 mm)

REED

Model No. IA437
Mfg. No. CA-203
Price/Each $119.00

AC CURRENT CLAMP-ON ADAPTER

- Ideal tool to extend the current range for all multimeters
- AC Current Range: 200 A
- Voltage output of 1 mV/A via standard banana inputs

REED

Model No. IA184
Mfg. No. CP-09
Price/Each $35.00

MULTIMETER ACCESSORIES

MODEL HX357

- Enables clamp meter user to measure AC current on a 2-wire or 3-wire power cord to 15 A
- Provides easy and safe measurements of current without the need to cut off the plug and separate the conductors
- Plugging the power connector into the line splitter separates the hot/live conductor from the neutral and ground

MODEL HX358

- Adapts mini-connector inputs to banana plug inputs
- Can be used with many of the thermocouple probes

HX357

HX358

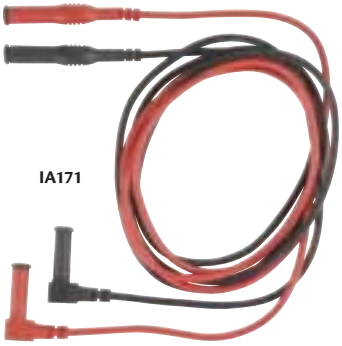
REED

Model No.	Mfg. No.	Description	Price/Each
HX357	AC-006	AC Line Splitter	15.00
HX358	AD-1	Input Adapter	12.00

R29255E

LEADS, CLIPS & TEST PROBES

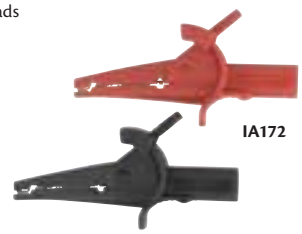
MODEL IA171
- ø4 mm safety test leads
- Silicone insulated
- 100 cm long
- Right angle sheathed banana plug to straight sheathed banana plug
- Set of two, one black and one red
- **IA171** to be used in conjuction with items listed below


IA171

MODEL IA172
- Safety alligator clips

MODEL IA173
- Push-on safety test clips with strong jaws
- Insulated, nickel plated jaws grip objects up to 3/8"
- Blunt grip grabs round screw heads

MODEL IA174
- Tips include banana-style spring contacts with nickel-plated brass ends
- Ideal for probing banana plug receptacles


IA172

MODEL IA175
- Push-on safety test probes with stainless steel tips
- Rigid with protective caps

IA173

MODEL IA176
- Industrial test probes with stainless steel tips

MODEL IA177
- Safety jaw clips

MODEL IA178
- Electronic test probes
- Tapered tips for probing electronic components or boards
- Removable guard for IC probing

IA174

IA175

IA176

IA177

IA178

REED

Model No.	Mfg. No.	Description	Price/Each
IA171	FC-108	Safety Test Leads	**16.00**
IA172	FC-A23	Safety Alligator Clips	**12.00**
IA173	CF-734760	Safety Test Clips	**28.00**
IA174	FC-105	Safety Test Probes	**10.00**
IA175	FC-105 A	Safety Test Probes	**10.00**
IA176	FC-170 A	Industrial Test Probes	**16.00**
IA177	FC-178 A	Safety Jaw Clips	**16.00**
IA178	FC-A18	Electronic Test Probes	**4.00**

BASIC TEST LEADS

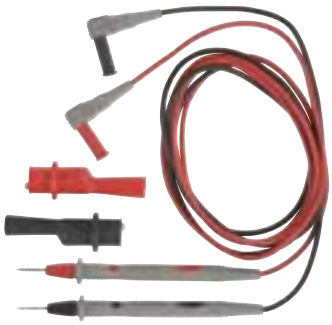
MODEL IA181
- Set of two 48" long leads, one black and one red
- Flexible silicone insulated safety test leads are heat and cold resistant
- Distinctive comfort grip test probes with stainless steel tips

IA181

MODEL IA182
- Slide-on style for test probes
- Jaws open to 8 mm

MODEL IA183
- Same as **IA181** with **IA182** alligator clips

IA182


IA183

REED

Model No.	Mfg. No.	Description	Price/Each
IA181	TL-88-1	Safety Test Leads	**16.00**
IA182	FC-A15	Safety Alligator Clips	**4.00**
IA183	TL-88-A15	Safety Test Lead and Alligator Clips	**19.00**

TEST LEAD KITS

MODEL IA179
- Safety test lead kit (electrical) includes:
  IA171 safety test leads
  IA172 alligator clips
  IA175 test probes
  HX360 carrying case

IA179

MODEL IA180
- Deluxe safety test lead kit (electrical) includes:
  IA181 safety test leads
  IA171 safety test leads
  IA182 alligator clips
  IA172 alligator clips
  IA178 electronic test probes
  IA174 test probes
  IA175 test probes
  IA176 industrial test probes
  IA177 safety jaw clips
  IA173 test clips
  HX360 carrying case

IA180

REED

Model No.	Mfg. No.	Description	Price/Each
IA179	FC-108G	Safety Test Lead Kit	**49.00**
IA180	FC-A23G	Deluxe Safety Test Lead Kit	**139.00**

R25294E

PELICAN PROTECTOR EQUIPMENT CASES

Light, strong, watertight and airtight for the ultimate protection. Constructed of copolymer and polypropylene. Features a 1/4" neoprene O-Ring seal and a purge valve. Supplied complete with pre-scored pick & pluck foam or padded dividers (no cutting required). Custom foam insert fabricated on special order. Also includes ABS locking flanges, massive multiple latches and a comfortable moulded grip handle.

Note: Models **HA597** and **HA603** supplied with solid foam only.

- Other colours available for Mfg No. 1700 to 1750 are desert tan and green
- Other colours available for Mfg No. 1200 to 1600 are silver, desert tan and green

FEATURES:

"O"-Ring Seal: Exclusive 1/4" neoprene "O"-Ring guarantees a perfect seal. Neither dust nor water can penetrate this barrier to damage your equipment. These rings are easily replaced if damaged.

Purge Valve: All cases are absolutely airtight. Exclusive built-in "O"-Ring sealed pressure purge valve allows for quick equalization after changes in temperature or altitude.

PROTECTIVE CASES

Black	Model No. Orange	Mfg. No.	Description	Price /Each
HA292	HA293	1200	1200 Case	82.15
HA419	HA420	1300	1300 Case	95.85
HA450	HA451	1400	1400 Case	148.00
HA501	HA502	1500	1500 Case	224.00
HA510	HA511	1550	1550 Case	274.00
HA536	HA537	1600	1600 Case	338.00
HA597	-	1700	1700 Case	395.00
HA603	-	1750	1750 Case	449.00

FOAM INSERTS

Model No.	Mfg. No.	Description	Price/Each
HA296	1201	3 pc. foam insert for HA292, HA293	31.41
HA423	1301	3 pc. foam insert for HA419, HA420	39.53
HA460	1401	3 pc. foam insert for HA450, HA451	52.85
HA503	1501/A	3 pc. foam insert for HA501, HA502	73.02
HA512	1551	4 pc. foam insert for HA510, HA511	115.00
HA538	1601	4 pc. foam insert for HA536, HA537	161.00
HA599	1701	3 pc. foam insert for HA597, HA598	116.00
HA605	1751	4 pc. foam insert for HA603	145.00

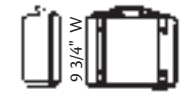
MODEL NO. HA292

Outside Dimensions:
10 5/8" L x 9 11/16" W x 4 7/8" D

Inside Dimensions:
9 3/8" L x 7 1/4" W x 4 1/16" D

Fold-down handle.

Weight: 3.47 lbs.



MODEL NO. HA419

Outside Dimensions:
10 5/8" L x 9 11/16" W x 6 7/8" D

Inside Dimensions:
9 3/8" L x 7 1/4" W x 6 1/8" D

Fold-down handle.

Weight: 4.28 lbs.

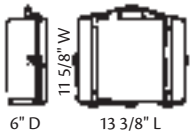
MODEL NO. HA450

Outside Dimensions:
13 3/8" L x 11 5/8" W x 6" D

Inside Dimensions:
12" L x 9 1/16" W x 5 3/16" D

Fold-down handle.
Integral personalised nameplate.

Weight: 5.49 lbs.



MODEL NO. HA501

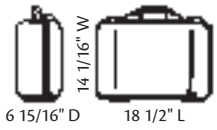
Outside Dimensions:
18 1/2" L x 14 1/16" W x 6 15/16" D

Inside Dimensions:
17" L x 11 7/16" W x 6 1/8" D

Fold-down handle.

Integral personalised nameplate.

Weight: 8.70 lbs.



MODEL NO. HA510

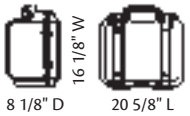
Outside Dimensions:
20 5/8" L x 16 7/8" W x 8 1/8" D

Inside Dimensions:
18 3/4" L x 14 3/8" W x 7 5/8" D

Fold-down handle.

Integral personalised nameplate.

Weight: 13.37 lbs.



MODEL NO. HA536

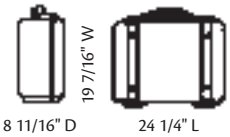
Outside Dimensions:
24 1/4" L x 19 7/16" W x 8 11/16" D

Inside Dimensions:
21 3/4" L x 16 13/16" W x 7 7/8" D

Fold-down handle.

Integral personalised nameplate.

Weight: 16.52 lbs.



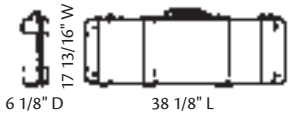
MODEL NO. HA597

Outside Dimensions:
38 1/8" L x 17 13/16" W x 6 1/8" D

Inside Dimensions:
35 3/4" L x 13 13/16" W x 5 1/4" D

Fold-down handle.

Weight: 19.72 lbs.



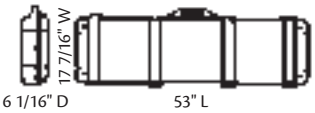
MODEL NO. HA603

Outside Dimensions:
53" L x 17 7/16" W x 6 1/16" D

Inside Dimensions:
50 1/2" L x 13 7/16" W x 5" D

Fold-down handle.

Weight: 28.34 lbs.



R25297E

CARRYING CASES

PROTECT & STORE YOUR MULTIMETER & ACCESSORIES IN A FABRIC CARRYING CASE

IA434

IA435

HX360

HF211

HN413

HN416

REED

Model No	Mfg. No.	Outside Dimensions L" x W" x D"	Price /Each
IA434	C-833R	11 x 9 x 2	22.00
IA435	C-830	11 x 9 x 2	30.00
HX360	C-820	8 x 5 x 2	18.00
HF211	CA-03	8 x 5 x 2	18.00
HN416	CA-05 A	9 x 4 x 2	21.00
HN413	CA-52 A	7 x 3 x 2	15.00

AC/DC CLAMP METER

- True RMS AC/DC clamp meter with temperature function
- AC/DC current to 600 A
- Basic 2.5% DC current accuracy
- Resolution 0.1 A
- Data Hold
- Peak Hold
- DC current zero adjust
- Auto power off
- Complete with test leads, battery and carrying case
- AC/DC Current Range: 400 A, 600 A
- AC/DC Voltage Range: 600 V
- Resistance Range: 40 MΩ
- Temperature Range: -4° to 1400°F/-20° to 760°C

REED

Model No.	Mfg. No.	Description	Price/Each
HX394	ST-9800T	AC/DC Clamp-on Ammeter w/ Temperature	129.00

AC/DC CLAMP METER

- Full function autoranging DMM includes AC/DC voltage and current, resistance, capacitance, frequency, duty cycle, diode and continuity
- Current measurements to 2000 A through the clamp and 240 mA via test leads
- Large 5000 count backlit display for high resolution
- Basic DCV accuracy of 1% with 0.1 mV resolution and current resolution to 0.1 µA
- 2.36" (60 mm) clamp jaw opening (750 MCM)
- DC current push button zero, relative measurements and Data Hold
- Heavy duty ABS case with built-in stand and thumb control function switch
- DC/AC Current Range (Clamp): 240, 2000 A
- DC/AC Current Range (DMM): 240, 2400 µA, 24, 240 mA
- DC/AC Voltage Range: 2.4, 24, 240, 1000 V
- Capacitance Range: 25, 250 nF, 2.5, 25 µF
- Resistance Range: 240 Ω, 2.4, 24, 240 kΩ, 2.4, 24 MΩ
- Frequency Range: 50, 500 Hz, 5, 50, 100 kHz
- Duty Cycle Range: 0.1% to 99.9%

REED

Model No.	Mfg. No.	Description	Price/Each
HN415	CM-9930	AC/DC Clamp-on Meter	219.00

Call us for all your Instrument & Electrical requirements!

R29256E

AC/DC CLAMP METERS

MODEL IA167 – WITH LARGE DIAMETER JAWS

- Measures AC and DC current up to 2000 A, plus AC and DC voltage up to 750 V and 1000 V respectively
- Measures resistance up to 4000 Ω
- Peak hold function
- Shielded banana plugs and recessed input terminals
- Output terminal
- Tear drop shaped jaws facilitates use in tight places and crowded cable areas

MODEL IA168 – THE SMALLEST CLAMP METER ON THE MARKET

- Capable of both AC and DC measurements
- Measures AC and DC current up to 200 A, plus AC and DC voltage up to 500 V and 200 V respectively
- Measures resistance up to 200 Ω
- Resolution of 0.01 A AC/DC
- Pocket-sized
- Includes test leads and carrying case

MODEL IA169 – OPEN CLAMP CURRENT SENSOR

- Ideal for use in crowded connection boxes where space is too limited for traditional clamp meters
- Non-contact voltage detection
- True RMS AC current measurement to 100 A
- Zero adjust function
- Auto power off
- Data hold

KYORITSU

IA167

IA168

IA169

Model No.	Mfg. No.	Description	Price/Each
IA167	KEW2003A	AC/DC Clamp Meter	595.00
IA168	KEW2004	AC/DC Clamp Meter	429.00
IA169	KEW2300R	AC/DC Clamp Meter	149.00

AC CLAMP METER

- Permits current measurements on a live conductor without circuit interruption
- Rotary switch selects one range at a time
- Analog scale
- Includes test leads, 2 fuses, single AA battery, and carrying case
- Voltage Ranges: 150/300/600 VAC
- Current Ranges: 6/20/60/200/600 AAC
- Resistance Range: 2 kΩ (25 Ω mid-scale)

KYORITSU

Model No.	Mfg. No.	Description	Price/Each
HK661	KEW2805	AC Clamp Meter	179.00

AC/DC CLAMP METERS

- AC/DC clamp meter with LCD and bargraph displays
- 3 3/4 LCD digits with high-speed, 42-segment bargraph
- Touch Zero and Data Hold functions
- Polarity and overload indications
- Continuity test
- Auto or manual ranging
- Auto power-off
- Low battery indication
- Jaw opening 30 mm
- Current Range: 40 A, 400 A AC/DC
- Voltage Range: 400 V, 600 V AC/DC
- Resistance Range: 400 Ω
- Continuity Range: < 40 Ω

REED

Model No.	Mfg. No.	Description	Price/Each
HX162	C-201	AC/DC Clamp Meter	149.00

TRUE RMS AC/DC CLAMP METER

- True RMS measurements
- 3 3/4 LCD digits with high-speed, 42-segment bargraph LCD display
- Touch Zero and Data Hold functions
- Peak Hold function
- Frequency measurement
- Diode and continuity test with beeper
- Polarity and overload indications
- Auto or manual ranging
- Auto power-off
- Low battery indication
- Jaw opening 40 mm
- Current Range: 40 A, 400 A, 1000 A AC/DC
- Voltage Range: AC: 400 V, 750 V; DC: 400 V, 1000 V
- Resistance Range: 400 Ω, 4000 Ω
- Frequency Range: 4 kHz, 10 kHz
- Continuity Range: < 100 Ω

REED

Model No.	Mfg. No.	Description	Price/Each
HX161	C-212	True RMS AC/DC Clamp Meter	195.00

AC/DC CLAMP METER

- Pocket-sized, autoranging clamp-on
- Measure AC/DC current and voltage, frequency and resistance
- Auto or manual ranging with Data hold and Relative mode
- Continuity beeper and diode test
- Overload protection on all ranges
- Large 2999 count display (4999 counts for Hz)
- 1.2" (30 mm) clamp jaw opening (500 MCM)
- Compact, rugged clamp-on with splash resistant front panel design
- Complete with test leads, two 1.5 V AA batteries and carrying case
- AC/DC Current Range: 600 A
- AC/DC Voltage Range: 600 V
- Resistance Range: 24 MΩ
- Frequency Range: 100 kHz

REED

Model No.	Mfg. No.	Description	Price/Each
HN411	CM-9940	AC/DC Clamp-on Meter	159.00

R29279E

AC/DC CLAMP METERS

- Autoranging
- 4000-count LCD with backlight (except **HX506**, 2000-count)
- Data hold and zero functions
- Diode test to 0.3 mA
- 0.1 µA resolution (**HX379, HX380** only)
- Temperature function to 1000 °C/1832 °F (**HX378, HX379** only)

HX377

HX378

HX379

REED

Model No.	Mfg. No.	Description	Price/Each
HX377	ST-332	AC/DC Clamp Meter	**129.00**
HX378	ST-333	AC/DC Clamp Meter w/ Temperature	**139.00**
HX379	ST-335	AC Clamp Meter w/ Temperature	**99.00**

Model No.	HX377	HX378	HX379
AC Current Range	400 A	400 A	400 A
DC Current Range	400 A	400 A	-
AC Voltage Range	600 V	600 V	600 V
DC Voltage Range	600 V	600 V	600 V
Resistance Range	20 MΩ	20 MΩ	20 MΩ
Capacitance Range	100 µF	100 µF	100 µF
Frequency Range	-	150 kHz	150 kHz

AC/DC CLAMP-ON METER

- Measures both AC and DC current and voltage
- True RMS reading instrument permits precise measurements regardless of waveforms
- 4000-count digital display with 40-segment analog bar graph
- Audible continuity test and diode check
- Peak hold function
- Data hold function
- DCA zero function
- Low battery indication and auto power off
- Double moulded housing
- Electronic overload protection
- Designed to meet IEC61010-1 Cat. III 600 V

REED

Model No.	Mfg. No.	Description	Price/Each
IA195	ST-3347	AC/DC Clamp-on Meter	**189.00**

SPECIFICATIONS:

AC CURRENT
Max. Range/Res.: 1000 A/10 mA
Basic Accuracy: ± 2.5 % rdg. ± 5 dgt.

DC Current
Max. Range/Res.: 1000 A/10 mA
Basic Accuracy: ± 3.0 % rdg. ± 4 dgt.

AC Voltage
Max. Range/Res.: 600 V/0.1 mV
Basic Accuracy: ± 0.8 % rdg. ± 2 dgt.

DC Voltage
Max. Range/Res.: 600 V/0.1 mV
Basic Accuracy: ± 1 % rdg. ± 4 dgt.

Resistance
Max. Range/Res.: 40 MΩ/0.1 Ω
Basic Accuracy: ± 1.0 % rdg. ± 4 dgt.

CAPACITANCE
Max. Range/Res.: 40 mF/0.01 nF
Basic Accuracy: ± 3.0 % rdg. ± 5 dgt.

FREQUENCY
Max. Range/Res.: 10 MHz/0.01 MHz
Basic Accuracy: ± 1.2 % rdg. ± 3 dgt.

FREQUENCY
Max. Range/Res.:
1000 °C (1832 °F)/1 °C (°F)
Basic Accuracy: ± 3.0 % rdg. ± 5 dgt.

GENERAL
Dimensions:
229(H) x 80(W) x 49(D) mm
Weight: Approx. 303 g

AC/DC CLAMP METERS

- True RMS measurements (**IA163, HX344, HX161, HX162**, only)
- Fully autoranging (**HX344, HX161** only)
- Frequency measurements from V and A (except **HX162**)
- Continuity with beeper below 40 Ω
- Diode test
- Hold function and push-button DC current zeroing
- 4000-count display with 42-segment analog bargraph

HX343

HX161

IA163

AEMC® INSTRUMENTS

Model No.	Mfg. No.	Description	Price/Each
HX343	2117.67	AC Clamp Meter, 1000 A	**149.00**
HX344	2117.68	True RMS AC Clamp Meter, 1000 A	**165.00**
HX161	2117.70	True RMS AC/DC Clamp Meter, 1000 A	**195.00**
IA162	2117.21	AC Clamp Meter, 400 A	**120.00**
IA163	2117.66	True RMS AC Clamp Meter, 400 A	**119.00**
HX162	2117.22	True RMS AC/DC Clamp Meter, 400 A	**149.00**

Model No.	HX343	HX344	HX161	IA162	IA163	HX162
AC Current Range	0.05 to 1000 A	0.05 to 1000 Arms	0.05 to 1000 Arms	0.05 to 400 A	0.05 to 400 Arms	0.05 to 400 Arms
AC Voltage Range	0.5 to 750 V	0.5 to 750 Vrms	0.5 to 750 Vrms	0.5 to 600 V	0.5 to 600 Vrms	0.5 to 600 Vrms
DC Current Range	-	-	1 to 1000 A	-	-	0.1 to 400 A
DC Voltage Range	0.2 to 1000 V	0.2 to 1000 V	0.2 to 1000 V	0.2 to 600 V	0.2 to 600 V	0.2 to 600 V
Resistance Range	0.2 to 4000 Ω	0.2 to 4000 Ω	0.2 to 4000 Ω	0.2 to 400 Ω	0.2 to 400 Ω	0.2 to 400 Ω

R25300E

INSULATION TESTER

- Test voltage combinations: 250 V, 500 V or 1000 V
- 1 mA test current for MΩ range at rated voltage
- 200 mA test current for continuity range
- Continuity test with beeper
- Large, easy-to-read dual display with backlight
- Data hold switch
- Test button may be locked on for hands-free operation
- Double moulded plastic housing
- Supplied with test leads, batteries and plastic carrying case
- Meets IEC61010-1 Cat. III 1000 V

SPECIFICATIONS:

Insulation resistance tests	
Test Voltage:	250 V, 500 V, 1000 V
Measurement Range:	200 MΩ, 2000 MΩ
Accuracy:	± 3.5 % rdg. ± 5 dgt.
Resistance tests	
Measurement Range:	200 Ω, 2000 Ω
Accuracy:	± 1 % rdg. ± 2 dgt.
Voltage tests	
Measurement Range:	750 VAC; 1000 VDC
Accuracy:	AC: ± 1.2 % rdg ± 10 dgt. DC: ± 0.8 % rdg ± 3 dgt.
Continuity tests	
Measurement Range:	Beeps ≤40 Ω
Test Current:	≤200 mA
General	
Power Supply:	6 x 1.5 V AA batteries
Dimensions:	200 x 92 x 50 mm
Weight:	700 g

REED

Model No.	Mfg. No.	Description	Price/Each
IA194	ST-550	Insulation Tester	189.00

INSULATION TESTER

- Test voltage combinations: 250 V, 500 V or 1000 V
- Insulation measurements to 4000 MΩ
- Resistance measurements to 4000 Ω
- Continuity test with beeper
- 600 V AC/DC test voltage range
- Large, easy-to-read digital display
- Data hold switch
- Test button may be locked on for hands-free operation
- Automatic discharge when test button is released
- Low battery indication
- Supplied with soft carrying case and leads

REED

Model No.	Mfg. No.	Description	Price/Each
HX345	C-360	Insulation Tester	279.00

CAPACITANCE METER

- Measure 0.1 pF to 20,000 µF in nine selectable ranges
- Accuracy ± 0.5 % typically
- Zero adjustment ± 20 pF
- Fuse-protected against charged capacitors
- 3 1/2 digits readout
- Overload/out of range indication
- Complete with test alligator clips, spare 200 mA fuse and 9 V battery
- Capacitance Range: 200 pF, 2 nF, 20 nF, 200 nF, 2 µF, 20 µF, 200 µF, 2000 µF, 20,000 µF

REED

Model No.	Mfg. No.	Description	Price/Each
HF969	K5020	Capacitance Meter	179.00

INSULATION TESTER

- 3-range insulation test voltage
- 200 mA continuity test
- Live circuit warning lamp
- Automatic discharge of circuit capacitance when test button is released
- Internal circuitry is fuse protected
- Press-to-Test button with lock down feature
- Includes test leads, spare fuse, batteries and carrying case

KYORITSU

Model No.	Mfg. No.	Description	Price/Each
IA433	KEW3111V	Insulation/Continuity Tester	380.00

INSULATION TESTER

- Offers unmatched performance and features like test lead resistance zero adjustment for time-saving continuous operation
- Three insulation test ranges: 250 V, 500 V, 1000 V
- Continuity range: 2 Ω and 20 Ω
- Live circuit warning lamp plus audible warning
- Automatic discharge of circuit capacitance
- Front panel press to test and zero adjust

KYORITSU

Model No.	Mfg. No.	Description	Price/Each
IA192	KEW3131 A	Insulation Tester	387.00

INSULATION TESTER

- A compact and easy-to-use insulation and continuity tester that is ideal for more arduous environments
- Three insulation test ranges: 250 V, 500 V, 1000 V
- Continuity range: 3 Ω and 500 Ω
- 200 mA measuring current on continuity testing
- Live circuit warning buzzer and neon lamp
- Automatic discharge of circuit capacitance
- Dust and drip proof construction (designed to IP54)

KYORITSU

Model No.	Mfg. No.	Description	Price/Each
IA193	KEW3132 A	Insulation Tester	326.00

R29257E

GROUND RESISTANCE TESTER

- Measures ground resistance from .025 Ω to 1550 Ω
- Measures ground leakage current form 0.2 mA to 35 A
- Induces test current into system without disturbing existing connections
- True RMS current measurement facility
- Automatic self calibration • Auto ranging
- Auto power off (configurable)
- Configurable high and low alarms with audible indication
- Indication of high noise content that may affect readings
- On-board storage of test results
- Hold function • Over current protected
- Accommodates conductors up to 1.37" (35 mm) in diameter
- RS232 interface (**IA190** only)
- Complete with heavy-duty carrying case, multi-value resistance calibration check loop, download cable and Download Manager driver (**IA190** only)

IA190

Megger

Model No.	Mfg. No.	Description	Price/Each
IA189	DET10C	Ground Resistance Tester	1773.00
IA190	DET20C	Ground Resistance Tester	2190.00

CABLE TRACER

- All components are fully fuse protected and intrinsically safe; and fit into a foam-lined carrying case
- Model R2000 Receiver has two detectors in its tip which are tuned to pick up the electromagnetic signals ('short' mode) or electrostatic signals ('open' mode) generated by other components
- LEDs and sensitivity settings indicate the relative signal strength to allow easy detection of the signal source
- Model S2600 Load Signal Generator, when connected to an energized line, will draw a rapidly fluctuating current pulse from the source, causing the power line to emit an electromagnetic signal which is detected by the R2000 in the 'short' mode
- Model T2200 Transmitter injects a signal into an unenergized conductor. If the conductor is broken (open), no current will flow, so the signal is present as a voltage pulse, which is detected along the conductor's length by the R2000's electrostatic detector ('open' mode)
- Model A2201 Inductive Clamp when clamped around the energized line and plugged into the T2200 will induce a signal onto the downstream (load) side to enable identification of equipment on that circuit
- Includes: Receiver, load signal generator, transmitter, clamp-on transmitter accessory, cordsets and adapter

AMPROBE

Model No.	Mfg. No.	Description	Price/Each
HD909	AT-2004	Cable Tracing System	1495.00

MILWAUKEE® HVAC/R FORK METER

- Embedded non-contact voltage detection and LED work lights
- Fork Opening: 0.63"
- True RMS
- Amps: 200 A AC (uA DC)
- Volts : 1000 AC, 1000 DC (auto volts)
- Resistance: 200-20 MOhms
- Continuity: Yes
- Capacitance: Yes
- Contact Temp: Yes
- CAT III 1000V / CAT IV 600V

Milwaukee

Model No.	Mfg. No.	Description	Price/Each
IA646	2206-20	HVAC/R Fork Meter	186.40

PHASE TESTER

MODEL HX164

- Testing phase orientation of 3-phase power sources ranging from 100 to 660 VAC
- Frequency range over 50 to 70 Hz
- Five LEDs indicate phase orientation (clockwise or counter-clockwise); and whether each of three phases is live
- Complete with 3 large alligator clips

HX164

MODEL HX165

- Combines above 3-phase tester with a motor rotation tester for measuring the rotation direction of motor shafts
- Ensures motor is not damaged from incorrect wiring
- Complete with 3 large alligator clips

HX165

REED

Model No.	Mfg. No.	Description	Price/Each
HX164	RT-606	3-Phase Rotation Tester	79.00
HX165	RT-608	3-Phase and Motor Rotation Tester	159.00

PHASE ROTATION INDICATOR

WITH OPEN PHASE CHECKER

- Designed to check the presence of an open phase and also the phase sequence with rotating disks and lamps
- Verifies a wide range of 3-phase power sources from 110 V to 600 V
- Colour-coded integrated test leads eliminate the risk of misconnection and meter damage

KYORITSU

Model No.	Mfg. No.	Description	Price/Each
IA185	KEW8031	Phase Rotation Indicator	122.00

EARTH RESISTANCE TESTER

- 0.001 Ω resolution for low resistance measurements
- ± 0.01 Ω accuracy
- Record up to 99 resistance measurement values
- Alarm function of resistance limits
- User settable alarm threshold from 1 to 100 Ω
- Measure leakage current and neutral current from 1 mA to 20 A
- Sampling rate of 1 measurement per second
- 3 3/4 LCD digits readout
- Display hold function
- Autoranging
- Double insulated clamp for increased safety
- Jaw opening measures 45 x 32 mm
- Resistance Range: 0.01-0.999 Ω, 1-9.99 Ω, 10-99.9 Ω, 100-199.9 Ω, 200-400 Ω, 400-600 Ω, 600-1200 Ω
- Current Range: 100 mA, 300 mA, 1 A, 3 A, 10 A, 20 A

REED

Model No.	Mfg. No.	Description	Price/Each
HX347	MS2301	Earth Resistance Tester	1495.00

R29258E

LOOP CALIBRATOR

- 6-digit LCD readout
- ± 0.02 % accuracy
- Automatic calibration
- User selectable auto power-off

REED

MEASUREMENT FUNCTIONS:

Voltage Range:	-0.200 to 28.000 V
Resolution:	1 mV
Accuracy:	± 0.02 % reading ± 2 mV
Current Range:	-1.000 to 22.000 mA
Resolution:	0.001 mA
Accuracy:	± 0.02 % reading ± 4 µA
Loop Current Range:	0.000 to 22.000 mA
Resolution:	0.001 mA
Accuracy:	± 0.02 % reading ± 4 µA

OUTPUT FUNCTIONS:

Current Range:	0.000 to 22.000 mA
Resolution:	0.001 mA
Accuracy:	± 0.05 % setting ± 4 µA
Analogue Transducer Range:	0.000 to -22.000 mA
Resolution:	0.001 mA
Accuracy:	± 0.05 % setting ± 4 µA
Loop Power:	24 V
Accuracy:	± 10 %

GENERAL:

Power Supply:	Single 9 V alkaline battery
Battery Life:	Approx. 12 hours
Ambient Conditions:	-10 to 55 °C; ≤ 80 % RH
Dimensions:	200 x 100 x 40 mm w/ holster

Model No. IA412 **Mfg. No.** VC05
Price/Each $395.00

TEMPERATURE CALIBRATOR

- 6-digit LCD readout
- Auto-offset cold-end temperature
- Selectable 2-/3-/4-wire connect

MEASUREMENT FUNCTIONS:

- Voltage Range: 0.00 to ± 450.00 mV
- Current Range: 0.00 to 450.00 Ω
- Thermocouple Range:
  R: -40 to 1760 °C; S: -20 to 1760 °C;
  B: 400 to 1800 °C; E: -200.0 to 1000.0 °C;
  K: -200.0 to 1370.0 °C; J: -200.0 to 1200.0 °C;
  T: -200.0 to 400.0 °C; N: -200.0 to 1300.0 °C
- Thermo-Resistance Range:
  Pt100: -200.0 to 850.0 °C;
  Cu50: -50.0 to 150.0 °C

OUTPUT FUNCTIONS:

- Voltage Range: -10.000 to 110.00 mV;
  0.0000 to 1.1000 V
- Resistance Range: 0.00 to 400.0 Ω
- Thermocouple and Themo-Resistance Ranges: Same as measurement function

REED

Model No.	Mfg. No.	Description	Price/Each
IA413	VC14	Temperature Calibrator	**795.00**

CURRENT/VOLTAGE CALIBRATOR

- Full function calibrator with multiple input/output ranges for both current and voltage
- 6-digit LCD readout
- ± 0.02 % accuracy
- Automatic calibration
- User selectable auto power-off

MEASUREMENT FUNCTIONS:

- Voltage Range: 0.000 to 11.000 V
- Current Range: 0.000 to 22.000 mA
- Loop Current Range: 0.000 to 22.000 mA

OUTPUT FUNCTIONS:

- Voltage Range: 0.000 to 11.000 V
- Current Range: 0.000 to 22.000 mA
- Loop Power Range: 24 V

REED

Model No.	Mfg. No.	Description	Price/Each
IA414	VC15	Current/Voltage Calibrator	**795.00**

TEMPERATURE SIMULATOR

- 6-digit LCD readout
- Auto calibration
- Voltage Range: -10.00 to 110.00 mV;
  -100.00 to 1100.0 mV
- Resistance Range: 0.0 to 400.0 Ω
- Thermocouple Range:
  R: -40 to 1760 °C; S: -20 to 1760 °C;
  B: 400 to 1800 °C; E: -200.0 to 1000.0 °C;
  K: -200.0 to 1370.0 °C; J: -200.0 to 1200.0 °C;
  T: -200.0 to 400.0 °C; N: -200.0 to 1300.0 °C
- Thermo-Resistance Range: Pt100: -200.0 to 850.0 °C; Cu50: -50.0 to 150.0 °C

REED

Model No.	Mfg. No.	Description	Price/Each
IA410	VC01	Temperature Simulator	**395.00**

CURRENT/VOLTAGE CALIBRATOR

- Combines voltage and current, source and read functions into one instrument
- 5-digit LCD readout
- ± 0.05 % accuracy
- Automatic calibration
- User selectable auto power-off

MEASUREMENT FUNCTIONS:

- Voltage Range: 0.000 to 22.000 mV
- Current Range: 0.000 to 22.000 mA
- Loop Current Range: 0.000 to 22.000 mA

OUTPUT FUNCTIONS:

- Voltage Range: 0.000 to 11.000 V
- Current Range: 0.000 to 22.000 mA
- Loop Power Range: 24 V

REED

Model No.	Mfg. No.	Description	Price/Each
IA411	VC04	Current/Voltage Calibrator	**395.00**

INFRARED TEMPERATURE CALIBRATOR

- This portable infrared temperature calibrator is as easy to use, just point and shoot
- For calibrating non-contact infrared thermometers up to 500 °C (932 °F)
- Temperature controlled black-body target with a diameter of 2.25" (57 mm)
- Wide field of view to compensate for optical variations in individual infrared thermometers
- Simply set the desired temperature in increments of 0.1 °, wait for the calibrator to attain equilibrium, point the infrared thermometer at the target, and measure the radiated energy
- Contact RTD reference well is located directly behind the blackbody target to assure even higher accuracies of ± 0.1 °C

Model No. IA548 **Mfg. No.** BX-500 **Price/Each $1195.00**

REED

R25306E

POWER QUALITY ANALYZERS

AEMC INSTRUMENTS

- Display voltage, current and power harmonics to 50th order, including direction in real time
- Real time colour display of waveforms including transients
- True rms voltage and current (600 V, Cat. III, 3000 A)
- True single and three phase measurements
- Easy on-screen graphics for setup
- Phasor diagram display
- Peak voltage and current
- Nominal frequency from 40 to 70 Hz
- VA, Var and W per phase and total
- kVAh, VARh and kWh
- Neutral current
- Crest factors for current and voltage
- K-factor for transformer
- Power factor, displacement PF and tangent
- Captures up to 50 transients
- Short-term flicker and voltage
- Phase unbalance (current and voltage)
- Harmonic distortion (total and individual)
- Alarms, surge and sags
- Recording, date and characteristic of disturbances
- Immediate printout of the screen to a printer
- Screen snapshot function captures waveforms
- Optically RS-232 communication
- Includes *DataView®* software

IA158

SPECIFICATIONS:

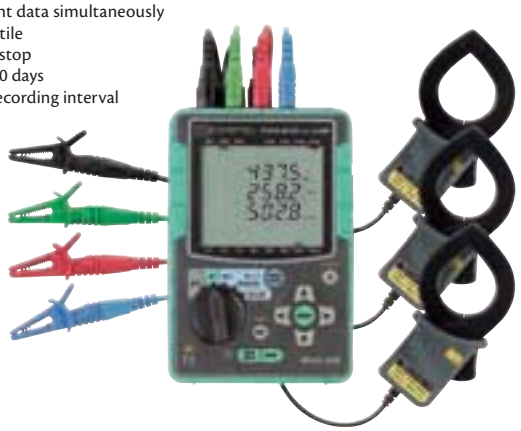
- Frequency: 40 to 60 Hz
- Single-phase Vrms: 6 to 480 V
- Phase-to-phase Vrms: 10 to 830 V
- DC Voltage: 6 to 100 V
- Single-phase Vpp: 6 to 680 V
- Phase-to-phase Upp: 10 to 1360 V
- Crest Factor (Vcf): 1.00 to 9.99
- Real Power (W): 0 to 9999 kW
- Reactive Power (VAR): 0 to 9999 kW
- Apparent Power (VA): 0 to 999 kVA
- Power Factor (PF): -1.000 to 1.000
- Active Energy (Wh): 0 to 9999 MWh
- Reactive Energy (VARh): 0 to 9999 MVARh
- Apparent Energy (Vah): 0 to 9999 MVah
- Phase Angle: -179 to +180°
- Harmonics Ratios: 0 to 999%, 1 to 50th harmonic
- Total Harmonics Distortion: 0 to 999%
- Current K Factor: 1 to 99.99
- Voltage Flicker: 0.00 to 9.99

Model No.	Mfg. No.	Description	Price/Each
IA158	2130.75	Three Phase - w/200 A Current Clamp	3958.00
IA159	2130.76	Three Phase - w/1000 A Current Clamp	4172.00
IA160	2130.77	Three Phase - w/3000 A AmpFlex Clamp	4279.00

POWER QUALITY ANALYZER

EVERYTHING REQUIRED FOR POWER CONSUMPTION & ENERGY SAVING ANALYSIS

- Performs 12 kinds of power measurements
- Measures 4 types of wiring systems
- Regenerative electric power can be measured
- Electric power and power factor for each phase can be confirmed
- Demand function for energy saving measurements
- Displays 3 different data simultaneously
- Internal non-volatile memory for non-stop recording up to 10 days
- User-selectable recording interval



KYORITSU

Model No.	Mfg. No.	Description	Price/Each
IA161	KEW6300-01	Electrical Tester	2495.00

AC DATALOGGER

- Single or three phase capable
- Three channels for voltage measurements and four channels for current measurements
- All readings are True RMS; Max., Min., Avg. and Peak Max.
- Power measurements include: Real Power (watts), Reactive Power (Vars), Apparent Volts-Amps (VA), True Power Factor (PF)
- Energy measurements include: KW-HRs, Demand or Non-demand
- AC voltage up to 600 V • AC current up to 1000 A
- Chartless • Real time clock
- Auto-ranging • Graphic display
- User selectable variable length recording mode
- Data can be viewed in the field via large self-contained backlit display or downloaded and accessed through a personal computer via *DM-IID™ View™* software
- Rugged, weatherproof ABS plastic case
- Line operated (120/240 VAC, 50/60 Hz)
- Battery back-up protects memory in the event of a power failure

AMPROBE®

Model No.	Mfg. No.	Description	Price/Each
HF435	DM-II	AC Datalogger/Recorder	3149.00

IR-500 INFRARED THERMOMETER

- Laser sighting, non-contact temperature measurement
- Easy to use: one button operation
- Backlit LCD display
- Wide -18°C (0°F) to 260°C (500°F) temperature range
- Capacity to change from Fahrenheit to Celsius
- Powered by 9 V battery (included)

3M

Model No.	Description	Price/Each
XB925	IR-500 Infrared Thermometer	159.28

MILWAUKEE® HVAC/R CLAMP METER

SPECIFICATIONS:

- Embedded non-contact voltage detection and LED work lights
- HVAC/R 2236-20
- Jaw size - 1.3"
- True RMS
- 600 A AC, uA DC – 600
- 600 V AC/DC
- Ohms: 6 k0hms
- Continuity: Yes
- Capacitance: Yes
- Contact Temp: Yes
- CAT III 600V

Milwaukee

Model No.	Mfg. No.	Description	Price/Each
IA647	2236-20	HVAC/R Clamp Meter	268.00

R29259E

INFRARED THERMOMETER

- Precise non-contact temperature measurements
- Temperature Range: -58° to 1832°F (-50° to 1000°C)
- Fahrenheit/Celsius selectable
- Digitally adjustable emissivity from 0.10 to 1.0
- High and low alarm setpoints
- Max, Min and Dif. Avg. temperature displays
- Built-in laser pointer
- Large LCD with backlight and display hold
- 50:1 distance to spot size ratio
- Includes battery and carrying case

REED

Model No.	Mfg. No.	Description	Price/Each
IA084	ST-8839	Infrared Thermometer	289.00

INFRARED THERMOMETER

- Compact infrared thermometers with wide temperature ranges and laser sighting
- User selectable °F or °C
- Built in laser pointer identifies target area
- 12 :1 distance to spot ratio measures smaller surface areas at a greater distance
- Unique flat surface and modern housing design
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Overrange indicator, auto data hold (when trigger released) and auto shut off
- Fixed 0.95 emissivity covers 90% of surface applications
- Includes battery and carrying case
- Range: -58° to 1382°F (-50° to 750°C)

REED

Model No.	Mfg. No.	Description	Price/Each
HX245	ST-8819	Infrared Thermometer	179.00

INFRARED THERMOMETERS

- Model **HK760** features extra-bright, single-point laser sighting, preset emissivity at 0.95, and a temperature range of -25° to 999°F or -32° to 535°C
- Model **IA080** features hi/lo alarm, 12-point data logging, advanced optics to measure smaller targets at greater distances, and adjustable emissivity for more accurate measurements. This model has a temperature range of -25° to 1100°F (-32° to 600°C) and a D:S ratio of 30:1
- Model **IA081** has all of the features of the **IA080**, but with a temperature range of -25° to 1400°F (-32° to 760°C) and a D:S ratio of 50:1
- Model **IA082** is an intrinsically safe version of the **IA081** designed for temperature measurement in potentially explosive or flammable environments

IA081

Raytek

Model No.	Mfg. No.	Description	Price/Each
HK760	RAYST20XBUS	Standard Infrared Thermometer	239.00
IA080	RAYST60XBUS	Enhanced Infrared Thermometer	477.00
IA081	RAYST80XBUS	Enhanced Infrared Thermometer	613.00
IA082	RAYST80XBISUS	Intrinsically Safe Infrared Thermometer	886.00

INFRARED THERMOMETERS

- Temperature range of -30° to 900°C (-25° to 1600°F)
- Extra-bright, single point laser sighting
- Improved optics (D:S 60:1)
- Adjustable emissivity
- Backlit graphical display
- Bar graph plots the last 10 temperature points
- Maximum and minimum readings
- Audible/visual high alarm
- Locking trigger allows continuous temperature measurement
- Model **HN001** features differential and average calculations, on-board emissivity table with 30 preset settings, 100-point memory, RS-232 output and data graphing software

HM998

Raytek

Model No.	Mfg. No.	Description	Price/Each
HM998	RAYMX2TD	Basic Infrared Thermometer	995.00
HN001	RAYMX4PTD	Deluxe Infrared Thermometer	1495.00

INFRARED THERMOMETER

- Two-in-one thermometer combines infrared and K-thermocouple probe temperature measurement
- Infrared thermometer with integral type K thermocouple input
- IR Temperature Range: -58 to 1922°F (-50 to 1050°C)
- T/C Temperature Range: -58 to 2498°F (-50 to 1370°C)
- Built-in laser pointer identifies target area
- Digitally adjustable emissivity from 0.10 to 1.0
- 30:1 distance to spot size ratio
- Automatic emissivity capture
- High and low alarms
- Max, Min, Avg, Diff record
- 20 data points of memory
- Display backlighting
- Auto data hold and auto shut off
- Trigger lock
- Includes type K thermocouple probe, battery, and carrying case

REED

Model No.	Mfg. No.	Description	Price/Each
IA496	ST-8835	Infrared Thermometer w/ Type K T/C	169.00

MILWAUKEE® LASER TEMP-GUM™ THERMOMETER

- Temperature Range: -30 to 500°C (-20 to 932°F)
- Basic Accuracy: 1.50%
- Repeatability: 0.50%
- Display Resolution: 0.1°C (0.1°F)
- 12:1 distance to spot ratio
- Response Time: <500 mS
- Emissivity: 0.95
- Hold and Max features
- Configurable Hi/Low alarm limits
- K-Type thermocouple input
- Large white-on-black display for clearer readings

Milwaukee

Model No.	Mfg. No.	Description	Price/Each
IA648	2266-20	Laser *Temp-Gun™* Thermometer	174.65

R29260E

mA & T/C CALIBRATOR

MODEL HX262
- Current source: 0 to 24 mA, 2 ranges
- Current measurement: 0 to 24 mA, 2 ranges
- Power (12 V) and Current measurement of 2-wire loop: 0 to 24 mA, 2 ranges
- DC mV source: -199.9 mV to +199.9 mV

MODEL HX263
- 0 to 24 mA precision current source
- Range/Resolution: 0 to 19.99 mA/0.01 mA; 0 to 24.0 mA/0.1 mA
- 13 mm LCD display

MODEL HX313
- Type K thermocouple thermometer and calibrator
- Range: -199 to 1230 °C (-325 to 2246 °F)
- Fahrenheit/Celsius switchable
- Data Hold and RS-232 output

HX262

REED

Model No.	Mfg. No.	Description	Price/Each
HX262	CC-421	Voltage/Current Calibrator	289.00
HX263	CC-422	Current Calibrator	219.00
HX313	TC-920	Thermometer/Temperature Calibrator	259.00

INFRARED THERMOMETER

- Fast and safe way to measure surface temperatures, without contact
- Easy to use - just point, shoot and read
- Temperature Range: 0° to 500 °F or -18° to 260 °C
- Fahrenheit/Celsius selectable
- Fixed emissivity of 0.95
- 6:1 Distance to Spot Size ratio
- Large LCD with backlight and display hold
- Model **HN235** features laser sighting
- Carrying case extra

Raytek

Model No.	Mfg. No.	Description	Price/Each
HN235	RAYMT4U	Infrared Thermometer w/ Laser Sighting	89.00
HX034	RAYMTAPK	Soft Pouch w/ Wrist Strap	20.00

mA & T/C SIMULATOR

MODEL HX264
- Simulates output ranges of 4 mA, 12 mA & 20 mA from transmitter
- Accurate to 0.1 mA
- Overload indication when load exceeds 240 Ω
- Compact case features push button output selector switch and bright red LEDs that indicate simulation output or battery status
- Complete with 9 V battery and calibration cable terminated with spade plugs

HX264

MODEL HX266
- Simulates 4 common values in °C and °F for checking K thermocouple devices
- Ranges: 32 °F (0 °C), 212 °F (100 °C), 932 °F (500 °C) and 1832 °F (1000 °C)
- Accuracy: ±(0.25 % + 1 °C or °F)
- Complete with 9 V battery and 60" calibration cable terminated with subminiature connector

HX266

REED

Model No.	Mfg. No.	Description	Price/Each
HX264	CC-MA	Current Loop Simulator	159.00
HX266	CC-TEMPK	Type K Thermocouple Simulator	139.00

FOOD SERVICE INFRARED THERMOMETER

- Contact and non-contact food service thermometer
- Infrared thermometer features laser sighting
- Accepts any Type K thermo-couple probe with mini-connector
- Choice of 5 different colour faceplates - choose a different colour faceplate for each department or food category
- Large backlit LCD readout
- Max, Min, Diff and Avg displays
- Programmable Hi/Lo alarms
- Lock feature for continuous monitoring
- Includes holster/case

REED

Model No.	Mfg. No.	Description	Price/Each
IA432	PS200	IR Food Service Thermometer	115.00

INFRARED THERMOMETER

- Pocket-sized, troubleshooting infrared thermometer with laser sighting
- Temperature Range: -4° to 518 °F (-20° to 270 °C)
- User selectable °F or °C
- Fixed 0.95 emissivity covers 90 % of surface applications
- 6:1 Distance to Spot size ratio
- Built-in laser pointer identifies target area
- Auto data hold, Max hold and Auto shut off
- Overload and low battery indications

REED

Model No.	Mfg. No.	Description	Price/Each
HX364	IR-88	Infrared Thermometer	59.00

INFRARED THERMOMETER

- Pocket-sized and easy-to-use - just point, shoot and read
- Unique flat surface and modern housing design
- User selectable °F or °C
- Built in laser pointer identifies target area
- Backlighting illuminates display for taking measurements at nightor in areas with low background light levels
- Overrange indicator, auto data hold (when trigger released) and auto shut off
- Fixed 0.95 emissivity covers 90 % of surface applications
- 8:1 Distance to Spot size ratio
- Model **HX242** Range: -58° to 536 °F (50° to 280 °C)
- Model **HX243** Range: -58° to 1022 °F (50° to 550 °C)
- Includes battery and carrying case

REED

Model No.	Mfg. No.	Description	Price/Each
HX242	ST-880	Infrared Thermometer	89.00
HX243	ST-882	Infrared Thermometer	109.00

R22926IE

INFRARED SENSORS

- Small sensing head fits where other sensors can't
- Ambient operating range to 85 °C (185 °F) without cooling
- Selectable outputs include: type J or K thermo-couples, 4-20, 0-20 mA or 0-5 VDC
- Adjustable emissivity from 0.100 to 1.100 by 0.001
- Selectable peak hold, valley hold and averaging functions
- 5-digit backlit LCD user interface
- 1 % accuracy from -40 ° to 600 °C (-40 ° to 1112 °F)
- 10:1 optics
- Remote electronics box
- Optional RS-232 digital communications for remote setup and monitoring

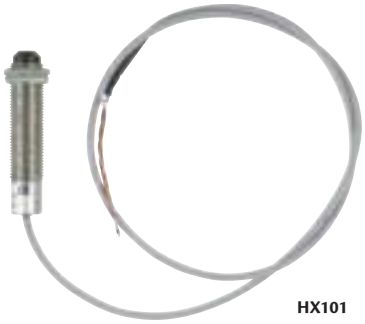
HX080

Raytek

Model No.	Mfg. No.	Description	Price/Each
HX080	RAYMID10LT	Infrared Temperature Sensor, 1-m cable	638.00
IA089	RAYMID10LTCB3	Infrared Temperature Sensor, 3-m cable	676.00
IA090	RAYMID10LTCB8	Infrared Temperature Sensor, 8-m cable	738.00
IA091	RAYMID10LTCB15	Infrared Temperature Sensor, 15-m cable	822.00

INFRARED SENSORS

- Two models cover temperatures ranges from 0 ° to 500 °C (32 ° to 932 °F)
- Designed for easy integration into standard 4-wire systems
- J-type or K-type thermocouple output or 0-5 V output
- Same 50 Ω output impedance as a thermocouple so it functions without offset errors
- Fixed emissivity at 0.95
- 5:1 optics at 90 % energy
- Rugged IP-65 NEMA-4 stainless steel housing



HX101

Raytek

Model No.	Mfg. No.	Description	Price/Each
HX101	RAYCI1A	Infrared Temperature Sensor, Type J Thermocouple Output	315.00
HX076	RAYCI2A	Infrared Temperature Sensor, Type K Thermocouple Output	315.00
HX077	RAYCI3A	Infrared Temperature Sensor, Linear Voltage Output, 10 mV/°C	315.00

INFRARED SENSORS

- Simple, two-wire connection is easily integrated into a closed system
- Configure individual sensors to your system point-to-point or multidrop up to 15 sensors on a single loop
- Two-way digital communications
- Simultaneous access to 4-20 mA and digital outputs
- Compact, rugged sensor with NEMA-4 (IP 65) rating
- Adjustable emissivity from 0.10 to 1.00
- 8 to 14 microns spectral response
- Wide temperature range from -18 ° to 500 °C (0 ° to 932 °F)
- Windows software for remote configuration and monitoring
- Advanced Peak/Valley Hold algorithms have been incorporated to support changing process variables. Adjust hold times, trigger thresholds, hysteresis settings, fail-safe, and out-of-range output signals remotely
- Choice of focus distances
- Special models for glass and plastics applications

IA092

Raytek

Model No.	Mfg. No.	Description	Price/Each
IA092	RAYTXSLTSF	Low Temperature Infrared Sensor w/ 33:1 Optics	1919.00
IA093	RAYTXSLTPSF	Low Temperature Infrared Sensor w/ 15:1 Optics	1838.00
IA094	RAYTXSLTCF1	Low Temperature Infrared Sensor, Close Focus 1	1919.00
IA095	RAYTXSLTCF2	Low Temperature Infrared Sensor, Close Focus 2	1919.00

PANEL METER & INFRARED SENSORS

- Two-piece temperature monitoring system that combines a compact monitor with an infrared sensing head
- Advanced processing capabilities including peak and valley hold, averaging, and a user-adjustable offset
- Compact 1/8 DIN monitor with 4-digit LED display
- User-defined 4-20 mA output
- Adjustable dual setpoints and deadband alarm outputs
- Universal 110-220 VAC power
- All monitor functions are configured via the front panel, including °C/°F switching
- Temperature range from -18 ° to 538 °C (0 ° to 1000 °F)
- Adjustable emissivity and t-ambient parameters
- Field interchangeable sensing heads
- GPR is a high performance, 8 to 14 micron infrared sensor with detachable cable that combines current loop driven signals with 35:1 optics

Raytek

IA087

IA085

Model No.	Mfg. No.	Description	Price/Each
IA085	RAYGPC	Thermalert Monitor	569.00
IA086	RAYGPCM	Panel Mount Meter	607.00
IA087	RAYGPRSF	Regular Sensing Head, Standard Focus, 35:1 D:S Ratio	1122.00
IA088	RAYGPSSFL	Laser-sighted Sensing Head	1613.00

PSYCHROMETER

- Digital psychrometer and infrared thermometer in one unit
- Psychrometer calculates wet bulb, dew point and T1-T2
- Infrared thermometer measures surface temperatures from -40 ° to 932 °F
- Infrared thermometer features built-in laser pointer, 8:1 distance to target ratio and adjustable emissivity
- Triple display with backlighting
- Max/Min Hold, °C/°F selectable and battery level indicators
- Retractable humidity sensor for protection during transport
- Optional RS-232 cable allows user to download readings
- Humidity Range: 0 to 100 % RH
- Dew Point Range: -90 ° to 122 °F (-68 ° to 50 °C)
- Wet Bulb Range: -5 ° to 122 °F (-21 ° to 50 °C)
- Air Temp. Range: -4 ° to 122 °F (-20 ° to 50 °C)
- IR Temp. Range: -40 ° to 932 °F (-40 ° to 500 °C)

REED

Model No.	Mfg. No.	Description	Price/Each
IA038	8857	Psychrometer/Infrared Thermometer	179.00

PSYCHROMETER

- Simultaneous display with % RH, temperature and dew point or wet bulb or external probe temperature (requires IA108)
- Calculates T1-T2 (Air temp. - External probe temp.) (requires IA108)
- Triple display with backlighting
- Max/Min readings
- Sensor cap closes to protect probe during storage
- Model IA107 features a built-in datalogger (stores up to 99 data points)
- Retrieve Max/Min/Avg readings from stored data
- Real time clock
- Humidity Range: 0 to 100 % RH
- Dew Point Range: -90 ° to 122 °F (-68 ° to 50 °C)
- Wet Bulb Range: -5 ° to 122 °F (-21 ° to 50 °C)
- Internal Temp. Range: -4 ° to 122 °F (-20 ° to 50 °C)
- External Temp. Range: -4 ° to 158 °F (-20 ° to 70 °C)

IA107

REED

Model No.	Mfg. No.	Description	Price/Each
IA000	8706	Digital Psychrometer	109.00
IA107	8726	Digital Psychrometer/Data Logger	129.00
IA108	87P6	Temperature Probe	20.00

R29282E

DIGITAL THERMOMETERS

- Temperature Range: -58 to 2000°F (-50 to 1300°C)
- User selectable °C or °F
- User selectable 0.1°C or 1°C (0.1°F or 1°F) resolution
- Accuracy to 0.5%
- Display maximum reading plus Data Hold
- Large LCD display with backlight
- Accept K-type thermocouples
- Includes 9 V battery and holster
- Model **HX382** is a dual input thermocouple thermometer that provides differential temperature measurements

HX381 HX382

REED

Model No.	Mfg. No.	Description	Price/Each
HX381	ST-610B	Single Input Thermocouple Thermometer	99.00
HX382	ST-612	Dual Input Thermocouple Thermometer	139.00

TYPE K THERMOCOUPLE PROBES

MODEL HN209
SURFACE PROBE

Ribbon-style surface probe.
Maximum Temperature: 400°C.

HN209

MODEL HN210
SPRING-LOADED
SURFACE PROBE

Spring loaded probe is ideal for all high temperature surface measuring requirements. Extremely fast response time. Not recommended for use as an immersion probe. Maximum Temperature: 500°C.

HN210

MODEL HN211 RIGHT
ANGLE SURFACE PROBE

Unique right angle design allows temperature of hard to reach areas to be taken. Great for monitoring temperature inside pipes, also flat surfaces without keeping hands over heated area. Maximum Temperature: 400°C.

HN211

MODEL HN212
AIR/GAS PROBE

Specifically designed to measure air or gases in heating and cooling units, ovens and engine exhausts. Perforated shield permits fast response while providing exceptional element protection. Maximum Temperature: 800°C.

HN212

MODEL HN213
NEEDLE TIP PROBE

Medium gauge hypodermic needle tip, used to measure softer food stuffs, rubbers and solids. Ideal for use in industrial, laboratory and chemical environments. Maximum Temperature: 800°C.

HN213

MODEL HN214
GENERAL
PURPOSE PROBE

Used to measure both air and liquids, but it is best recommended for immersion applications: Excellent for checking temperature of oils, water and non-corrosive fluids. Maximum Temperature: 700°C.

HN214

REED

Model No.	Mfg. No.	Description	Price/Each
HN209	LS-109	Surface Thermocouple Probe	78.00
HN210	LS-139	Spring-loaded Surface Thermocouple Probe	88.00
HN211	LS-104	Right-angle Surface Thermocouple Probe	98.00
HN212	LS-103	Air/Gas Thermocouple Probe	88.00
HN213	LS-134 A	Needle Tip Thermocouple Probe	78.00
HN214	LS-107	General Purpose Thermocouple Probe	78.00

HEAT STRESS METER

- Wet Bulb Globe Temperature (WBGT) considers the effects of temperature, humidity and direct or radiant sunlight
- Heat Stress Index measures how hot it feels when humidity is combined with temperature, air movement and radiant heat
- Black Globe Temperature (TG) monitors the effects of direct solar radiation on an exposed surface
- In/Out function displays the WBGT value with or without direct sun exposure
- View individual temperatures or indices in either °F or °C
- User adjustable WBGT threshold with audible alarm if threshold is exceeded
- Built-in RS232 interface
- Tripod mount design for long term monitoring

REED

SPECIFICATIONS:

Air Temp. Range:	0.0 to 50.0°C (32 to 122°F)
Black Globe Temp. Range:	0.0 to 80.0°C (32 to 176°F)
WBGT Temp. Range:	0.0 to 50.0°C (32 to 122°F)
Humidity Range:	0 to 100% RH

Model No.	Mfg. No.	Description	Price/Each
IA639	8778	Heat Stress Meter	225.00
IA447	BS-6	Tripod	59.00
HX515	HR33	33% Humidity Calibration Standard	60.00
HX514	HR75	75% Humidity Calibration Standard	60.00
IA452	VZRS232BN	RS-232 Cable & Software	79.00

INDOOR AIR QUALITY METER

- Simultaneously monitors carbon dioxide (CO_2), relative humidity and temperature dew point and wet-bulb temperatures can also be displayed
- High resolution LCD with backlight display
- Displays STEL readings (short-term exposure limit) over a 15-minute period and TWA readings (Time-weighted average) over a period of 8 hours
- Maximum, minimum and average functions
- Audible warning alarm of excessive CO_2 concentrations
- RS-232 serial interface

REED

SPECIFICATIONS:

CO_2 Range:	0 to 5,000 ppm
Resolution:	1 ppm
Accuracy:	±5% rdg. ±50 ppm
Temperature Range:	-10 to 60°C (14 to 140°F)
Resolution:	0.1°C/°F
Accuracy:	±0.6°C (±0.9°F)
Humidity Range:	0 to 99.9% RH
Resolution:	0.1% RH
Accuracy:	±3% RH @ 25°C (10 to 90% RH), ±5% RH <10% & >90%
Dew Point Range:	-73.4 to 60°C
Wet Bulb Range:	-13.3 to 60°C
Response Time:	30 seconds
Power Supply:	4 x "AA" alkaline batteries
Battery Life:	24 hours

Model No.	Mfg. No.	Description	Price/Each
IA645	77535	Air quality meter	495.00

TEMP/RH DATA LOGGER

- Dual input
- Triple display
- 16,000 record data logger
- Max/Min/Hold functions
- Timer function
- Auto power off
- Temperature Range/Accuracy: -4° to 140°F: ± 1.4°F/-20° to 60°C: ± 0.7°C; -328° to 2498°F: ± 0.3% rdg. +2°F -200° to 1370°C: ± 0.3% rdg. +1°C
- Humidity Range/Accuracy: 0 to 100% RH/± 2.5% RH
- Includes battery, manual, carrying case, K-type bead sensor, RS232 cable and *Windows*® software

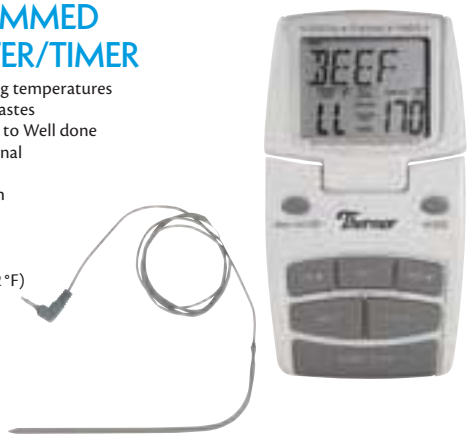
REED

Model No.	Mfg. No.	Description	Price/Each
IA103	C-314	Thermo-Hygrometer/Datalogger	339.00

R29263E

PRE-PROGRAMMED THERMOMETER/TIMER

- Pre-programmed cooking temperatures for different meats and tastes
- Select taste setting: Rare to Well done
- Displays preset and internal cooking temperatures
- Stainless steel probe with 1 m heat resistant wire
- °C /°F switchable
- Temperature Range: -10° to 200°C (14° to 392°F)
- Weight: 6.4 oz



Thermor

Model No.	Mfg. No.	Description	Price/Each
HX158	DT100	Thermometer/Timer	29.00

INDOOR/OUTDOOR THERMOMETER W/CLOCK

- Registers both indoor and outdoor temperatures with Min/Max memory
- 12-hour clock
- Wide temperature range: -50 to 70°C
- Full 1" high LCD digits
- 10' cable to remote temperature sensor
- Desk mount or wall mount by two sided tape or screws
- Operated by single "AAA" size battery (included)
- Dimensions: 4" x 4" x 3/4"

Thermor

Model No.	Mfg. No.	Description	Price/Each
HA285	119	Thermometer w/Clock	39.00

INDOOR/OUTDOOR DIGITAL THERMOMETER

- Maximum/Minimum registering
- Triple Display Indoor/Outdoor Time
- 10' Wire probe
- °F and °C Switchable

Thermor

Model No.	Mfg. No.	Description	Price/Each
IA503	DG900	Indoor/Outdoor Digital Thermometer	13.00

INDOOR/OUTDOOR WIRELESS HUMIDEX THERMOMETER

- Displays humidex and heat index
- Humidex and heat index is a combination of temperature and humidity into one number to reflect perceived temperature
- Heat stress index scale
- Indoor and outdoor temperature
- Outdoor humidity
- Min/max memory
- °C and °F switchable
- Wireless transmission range: 45 m/150'

BIOS Diagnostics

Model No.	Mfg. No.	Description	Price/Each
IA504	260BC	Wireless Humidex Thermometer	63.00

INDOOR/OUTDOOR WIRELESS THERMOMETER

- Indoor and outdoor temperature
- Min/max memory
- °C and °F switchable
- Wireless transmission range: 30 m/100'

BIOS Diagnostics

Model No.	Mfg. No.	Description	Price/Each
IA505	261BC	Indoor/Outdoor Wireless Thermometer	39.00

INDOOR THERMOMETER FOR HUMIDITY & TEMPERATURE

- Indoor temperature and relative humidity
- Min/max memory
- °C and °F switchable

BIOS Diagnostics

Model No.	Mfg. No.	Description	Price/Each
IA506	263BC	Thermometer for Humidity & Temperature	22.00

INDOOR HYGROMETER WITH BIOS COMFORT SCALE

- Bios comfort scale indicates ideal humidity range for home and personal health
- Indoor temperature
- Min/max memory
- °C and °F switchable

BIOS Diagnostics

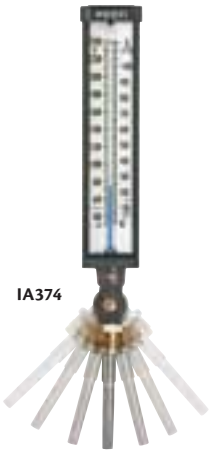
Model No.	Mfg. No.	Description	Price/Each
IA497	258BC	Indoor Hygrometer	29.00

Call us for quantity pricing!

R29264E

VARIABLE ANGLE INDUSTRIAL THERMOMETERS

- V-shape case, moulded of *GE Valox*® polyester, is 9" in length. Heavy glass protected front firmly secured against rattles by spring action
- For 3-1/2" stems only and ranges up to and including 300°F, the stem material is a precision die cast *Zamac* alloy
- Adjustable case locknut and angle adjusting screw work independently to provide a full 360° positioning of thermometer case and stem
- Adjustable joint completely encloses capillary to prevent tampering and foreign matter for entering instrument
- Tube and capillary are blue spirit filled-magnifying lens "blue reading" tube. Precision made to guarantee accuracy within 1% of scale range. Silicone shock mounted for lasting durability.
- Scale is locked in place and adjusted through top of scale



IA374

REED

Model No.	Mfg. No.	Description	Price/Each
IA370	9VU35-115	Industrial Thermometer, -40 to 110°F/-40 to 93°C	49.00
IA371	9VU35-125	Industrial Thermometer, 0 to 120°F/-17 to 49°C	49.00
IA372	9VU35-165	Industrial Thermometer, 0 to 160°F/-17 to 71°C	49.00
IA373	9VU35-185	Industrial Thermometer, 30 to 180°F/-6 to 82°C	49.00
IA374	9VU35-245	Industrial Thermometer, -40 to 240°F/0 to 114°C	49.00
IA375	9VU35-305	Industrial Thermometer, 30 to 300°F/0 to 149°C	49.00

STEM THERMOMETER

- Large, easy-to-read LCD
- Fahrenheit/Celsius switchable
- Range: -40° to 450°F (-40° to 230°C)
- Accuracy: 0° to 230°F: ± 1.0°F; < 0°F: ± 3.6°F; > 230°F: ± 3.6°F
- Resolution: 0.1°F/°C
- 5" stainless steel stem
- Handy nylon case with shirt pocket clip included

Thermor

Model No.	Mfg. No.	Description	Price/Each
HD558	PS100	Digital Stem Thermometer	24.00

STEM THERMOMETER

- 1" diameter pocket thermometer
- Easy-to-read LCD numerals
- Fahrenheit/Celsius switchable
- Range: -40° to 302°F (-40° to 150°C)
- Accuracy: ± 2°F or ± 1°C
- 5" stainless steel stem
- Immerse stem at least 1" for accurate readings
- Handy nylon case with shirt pocket clip included

Thermor

Model No.	Mfg. No.	Description	Price/Each
HX502	DT130	Digital Stem Thermometer	19.00

SURFACE THERMOMETERS

- Specifically designed to be used on horizontal or ferrous non-horizontal surfaces
- Two alnico magnets that act as the thermometer's base and hold it in place on ferrous surfaces
- Bimetallic sensor is a specially processed alloy that is preconditioned and pretested for permanent calibration and maximum stability
- Sensor is located in a draft shield and is in virtual thermal contact with the surface to be measured
- Sensing equilibrium (stability) is reached within three minutes and is accurate to ± 2% of full scale

HB592

REED

Model No.	Mfg. No.	Temperature Range	Divisions	Price/Each
HB592	312FC	0° to 250°F/-20° to 120°C	2°F/1°C	29.00
HB598	314FC	50° to 750°F/10° to 400°C	10°F/5°C	29.00

BI-METAL THERMOMETERS

- All welded stainless steel construction
- Easy external recalibration adjustment
- 3" diameter anti-parallax dial
- Hermetically sealed per ASME B40.3
- Accurate to 1% per ASME B40.3 Grade A
- Over-range protection is 50% up to 500°F
- 1/2" NPT straight connection

IA266

REED

Model No.	Mfg. No.	Description	Price/Each
IA266	T30025-250	0 to 250°F/-20 to 120°C, 2-1/2" stem	35.00
IA268	T3004-250	0 to 250°F/-20 to 120°C, 4" stem	35.00
IA270	T3006-250	0 to 250°F/-20 to 120°C, 6" stem	35.00
IA272	T3009-250	0 to 250°F/-20 to 120°C, 9" stem	35.00
IA267	T30025-550	50 to 550°F/0 to 260°C, 2-1/2" stem	35.00
IA269	T3004-550	50 to 550°F/0 to 260°C, 4" stem	35.00
IA271	T3006-550	50 to 550°F/0 to 260°C, 6" stem	35.00

WATERPROOF DIGITAL STEM THERMOMETER

- Temperature Range: -40 to 450°F (-40 to 230°C)
- Accuracy: ± 0.5°C (± 1°F)
- Fahrenheit/Celsius selectable via push button
- Compact pen-style design
- Stainless steel stem
- On-site calibration possible
- Waterproof construction and maximum temperature memory make this thermometer ideal for verifying dishwasher temperatures
- Includes protective case that has internal cooking temperatures of most common meat products conveniently printed on its face

Thermor

Model No.	Mfg. No.	Description	Price/Each
IA542	DT131	Digital Stem Thermometer	22.00

MAX/MIN THERMOMETER

- Temperature Range: -40° to 50°C (-40° to 120°F)
- Thermometer registers highest and lowest readings from last setting
- Pushbutton reset releases limit markers
- Plastic case measures 2 3/16" W x 3/4" D x 8" H

Thermor

Model No.	Mfg. No.	Description	Price/Each
HK214	TR400	Maximum/Minimum Thermometer, °C et °F	10.00

Call us for all your Instrument & Electrical requirements!

R25313E

THERMO-HYGROMETER

- Dual function digital thermometer/hygrometer
- Dual LCD, displays ambient temperature and humidity simultaneously
- Humidity Range: 10% to 95%RH
- Temperature Range: 0 to 50°C/32 to 122°F
- Data Hold, Min/Max function and Auto shut off
- RS232 serial interface
- Humidity probe and battery included

IA107

REED

Model No.	Mfg. No.	Description	Price/Each
HX341	YK-90HT	Thermo-Hygrometer	285.00
HX312	SW-U801-WIN	Data Acquisition Software	89.00
HX316	UPCB-02	RS-232 Cable	30.00
HN416	CA-05 A	Soft Carrying Case	21.00

THERMO-HYGROMETER

- Dual LCD display shows ambient temperature and relative humidity
- Humidity Range: 10% to 95% RH
- Temperature Range: 0° to 50°C/ 32° to 122°F
- User selectable °C/°F
- Data Hold and Min/Max function
- Compact and lightweight
- Battery included

HX287

REED

Model No.	Mfg. No.	Description	Price/Each
HX287	LM-81HT	Thermometer-Hygrometer	99.00
HN413	CA-52 A	Soft Carrying Case	15.00

THERMO-HYGROMETER

FEATURES:

- All in one, pen type, easy carryout
- Hold function to freeze display value
- Built in reverse display button
- Temperature unit: °C/°F (internal adjustment)
- Humidity measurement with fast respnse time

SPECIFICATIONS:

Humidity Range: 10% to 100% RH
Temp. Range: 0° to 50°C
Power Supply: 1 x DC 1.5 V battery (UM-4, AAA) x 4

REED

Model No.	Mfg. No.	Description	Price/Each
IA424	PHT-316	Humidity/Temp Meter	99.00

THERMO-HYGROMETER

COMPACT THERMO-HYGROMETER WITH INTEGRAL PROBE FOR CONVENIENT ONE-HAND OPERATION

- Dual LCD readout shows ambient temperature and relative humidity
- User selectable °F/°C
- Min/Max memory for both functions
- Data hold and Relative functions
- Auto power off
- Includes battery
- Humidity Range: 0 to 100% RH
- Temperature Range: -4 to 140°F (-20 to 60°C)

REED

Model No.	Mfg. No.	Description	Price/Each
IA441	C-315	Thermo-Hygrometer	139.00

THERMO-HYGROMETER

- Type K Temperature Range: -20° to 1000°C (-4° to 1832°F)
- °C/°F selectable
- Humidity Range: 0 to 100% RH
- Resolution to 0.1° up to 200°, 1° over 200°
- Fast sampling time
- Auto power off
- Dual, easy-to-read backlit LCD
- Data hold and Max hold
- Humidity probe and 9 V battery included

REED

Model No.	Mfg. No.	Description	Price/Each
HX383	ST-615	Type K Thermometer/Hygrometer	159.00

THERMO-HYGROMETER

COMBINATION INFRARED THERMOMETER & HYGROMETER

- Temperature Range: -50° to 500°C/-58° to 932°F
- Humidity Range: 0 to 100% RH, 0.1% RH resolution
- Fixed emissivity of 0.95 covers 90% of surface applications
- User selectable °C or °F
- Built-in laser pointer and 8:1 distance to spot ratio
- Large, easy to read backlit LCD with dual display
- Max and Hold functions
- Auto shut off
- Carrying case, humidity probe and 9 V battery included

INFRARED TEMPERATURE MEASUREMENT

REED

Model No.	Mfg. No.	Description	Price/Each
HX384	ST-616CT	Infrared Thermometer/Hygrometer	179.00

R25316E

TEMP/RH DATA LOGGER

MODEL IA100:

- Records temperature and relative humidity
- Temperature Range: -40° to 85°C (-40° to 185°F)
- Humidity Range: 0 to 100% RH
- °F or °C selectable
- LCD display
- Logs data for days, weeks or months
- Programmable sampling rate from 1 second to 2 hours
- Three start modes: scheduled, immediate or magnetic
- Records up to 16,000 readings
- Real-time clock stores data and time
- Data is retained in non-volatile memory
- User-defined min/max alarm settings
- Thermistor style sensor

MODEL IA101:

- Kit includes docking station, RS-232 cable and *Windows*® compatible software
- Enables user to log data, create graphs and program **IA100**

MODEL IA102:

- Self-standing, battery-operated programming unit and printer, eliminates the need for a PC
- Enables user to download, print or graph the logged data anytime, anywhere

IA101

IA100

IA102

Shown with IA100 not included

REED

Model No.	Mfg. No.	Description	Price/Each
IA100	8829	Temperature/Humidity Data Logger	129.00
IA101	8818	Data Logger Kit	59.00
IA102	9801	Printer	299.00

TEMP/RH DATA LOGGER

MONITORS BOTH AMBIENT TEMPERATURE & RELATIVE HUMIDITY

- Stores up to 16,000 temperature and 16,000 humidity readings
- User selectable measurement rate from 2 seconds to 24 hours
- Alarm display if user-defined max/min values are exceeded
- Displays all status information through two LEDs
- Simply plug the logger into the USB port of your computer to begin downloading - no cables or wires are required
- Includes wall mount bracket and *Windows*® compatible software
- Temperature Range: -40 to 70°C (-40 to 158°F)
- Humidity Range: 0 to 100% RH

Wall mount bracket included

REED

Model No.	Mfg. No.	Description	Price/Each
IA449	ST-171	Temperature/Humidity Data Logger	89.00

PSYCHROMETERS

- Calculate relative humidity and dew point
- Read temperatures from a matched pair of precision organically-filled thermometers
- Measure temperatures from 10° to 120°F or -15° to 45°C
- Miniature fan inside the case ventilates the wet bulb
- Choose from °F or °C models
- Each unit comes with one 2 oz. water bottle; psychrometric slide rule, chart and tables; extra lamp and wicking material; instruction manual; and a high-impact, moulded carrying case

HB163

REED

Model No.	Mfg. No.	Description	Price/Each
IA257	22014	Psychrometer,°F	237.00
HB163	22000	Psychrometer, °C	237.00

TEMP./RH DATA LOGGER

- Records up to 32,700 ambient temperature and relative humidity readings
- User selectable recording intervals from 1 s to 24 h
- Minimum/Maximum function with alarm
- Real-time clock stores data and time
- LCD readout displays current temperature (°F or °C) or humidity reading, min/max reading with date and time
- Download data directly to a PC via USB cable supplied
- Includes data logger, mounting bracket with screws, USB cable, software diskette, security lock and battery
- Temperature Range: -40 to 70°C (-40 to 158°F)
- Humidity Range: 0 to 100% RH

REED

Model No.	Mfg. No.	Description	Price/Each
IA680	ST-172	Temperature/RH Data Logger	149.00

TEMP/RH TRANSMITTER

- Designed to continuously monitor ambient temperature and humidity
- Transmits both temperature and relative humidity data to any controller to provide feedback on user-defined settings
- Selectable 4-20 mA current or 0-1 V, 0-2 V, 0-5 V outputs
- Easy to setup and operate
- Wall mountable
- Temperature Range: 0° to 85°C (32° to 185°F)
- Humidity Range: 0 to 100% RH

REED

Model No.	Mfg. No.	Description	Price/Each
IA104	3501	Temperature/RH Transmitter, 4-20 mA output	179.00

R29265E

HANGING HYGROMETER

- Measures relative humidity by comparing readings of wet bulb and dry bulb thermometers
- Accuracy obtained by creating rapid air circulation around bulbs
- Non-mercury red spirit filled thermometers
- Range: -10 to 130 °F (-5 to 50 °C)
- Plastic moulded case
- Plastic reservoir
- Dimensions: 4" x 10"

REED

Model No.	Mfg. No.	Description	Price/Each
IA528	WD-5	Wet Buld/Dry Buld Hygrometer	39.00

DIAL THERMO-HYGROMETER

- 5" diameter stainless steel dial
- Flange mounting
- Bi-metallic temperature sensor
- Temperature Range: 0 to 120 °C, 1 °C divisions
- ± 1 % temperature accuracy
- Synthetic hair hygrometer
- Humidity Range: 0 to 100 % RH, 2 % RH divisions
- ± 5 % humidity accuracy
- On-site adjustments possible

REED

Model No.	Mfg. No.	Description	Price/Each
IA532	TH600	Dial Thermo-Hygrometer	49.00

MOISTURE DETECTOR

- Detects moisture content in building materials of all kinds, as well as detects moisture distribution in walls, ceilings and floors
- Non-destructive - moisture sensor runs smoothly over the surface being tested without scratching or penetrating the surface
- Display Hold button
- Max/Min function with alarm indication
- LCD display with backlighting
- Low battery indication with auto power off
- Measuring Range: 0.0 to 100.0% Moisture Content
- Penetration Depth: 20 to 40mm

REED

Model No.	Mfg. No.	Description	Price/Each
IA681	ST-128M	Moisture Detector	199.00

TEMPERATURE & HUMIDITY RECORDERS

- Records temperature and humidity on a 6" diameter chart
- Programmable recording times and temperature ranges
- Panel mountable, DIN sized enclosure
- Options include digital display remote probe, and audible alarm
- AC power with battery back-up
- Includes pens, battery, and 120 VAC adapter
- Temperature Range:
  IA529/IA530: 32 to 100 °F, 0 to 50 °C;
  IA531: 0 to 50 °C, 0 to 100 °F, 0 to 185 °F, 0 to 85 °C
- Humidity Range: 0 to 95 % RH (non-condensing)

IA531

DICKSON

Model No.	Mfg. No.	Description	Price/Each
IA529	TH621	Basic Temp/RH Recorder	612.00
IA530	TH622	Temp/RH Recorder w/ Display & Probe	715.00
IA531	TH623	Temp/RH Recorder w/ Display, Probe & Alarm	857.00

TEMPERATURE & HUMIDITY RECORDER

- Simultaneously records ambient temperature and relative humidity conditions
- Full cycle recording allows recording all the way around the cylindrical drum
- 24-hour model
- Provides maximum and minimum values
- Built-in quartz clock drive
- Slide system for simplified clock setting
- Bi-metallic coil temperature sensor
- De-fatted hair humidity sensor
- Desk or wall mountable
- Temperature Range: -15 to 40 °C
- Humidity Range: 0 to 100 % RH

IA409

REED

Model No.	Mfg. No.	Description	Price/Each
IA409	THR-2	Thermo-Hygrograph, 1-day	595.00
IA630	THR-2-Charts	Replacement Charts, 1-day (100/pkg.)	49.00

TEMPERATURE RECORDERS

- 4-digit display and 3-button keypad make configuration changes fast and easy
- User interface provides access to test and calibration facilities with dual function MODE switch
- Up to 2 pens available, each with configurable spans
- Just one jumper to configure each input port
- 10" chart rotates at user selectable speeds
- NEMA 3 case standard

Input Type	Temp. Range
Type J T/C:	0/760 °C (0/1400 °F)
Type K T/C:	0/1360 °C (0/2500 °F)
Type T T/C:	-200/400 °C (-330/750 °F)
Type R T/C:	200/1650 °C (400/3000 °F)
Type S T/C:	200/1650 °C (400/3000 °F)
100 Ω Plat. RTD:	-140/400 °C (-220/750 °F)
DC Current:	0-20 mA, 4-20 mA
DC Voltage:	0-25 mV, 50 mV, 10-50 mV, 0-5 V, 1-5 V

IA096

Partlow

Model No.	Mfg. No.	Description	Price/Each
IA096	51000011	One Pen Temperature Recorder	995.00
IA097	51100011	Two Pen Temperature Recorder	1350.00

R29286E

MOISTURE METER

- Ideal for use on any construction site
- Measures the moisture content of sawn timber (also cardboard and paper) and hardened materials like plaster, concrete and mortar
- Measuring Range: Wood: 6 to 44 %; Material: 0.2 to 2.0 %
- Accuracy: Wood: ± 1 %; Material: ± 0.05 %
- Average adjustment for European wood based on a wood temperature of 20 °C
- Impact-proof plastic housing
- Auto power-off
- 8 mm long integrated electrode is replaceable

REED

Model No.	Mfg. No.	Description	Price/Each
IA533	ST-123	Moisture Meter	89.00

PAPER MOISTURE METER

- Electrical resistance-type moisture meter
- Contact pins mounted on the top of the meter are used for making direct contact with the material
- Various external electrodes are also available for specific applications
- Three scales for testing various paper stock, cores and corrugated (4.3 to 18 %); 5 to 40 % baledscrap paper; and a 0 to 100 % arbitrary scale for obtaining relative moisture indications on other material
- Set point with buzzer to alert you when a pre-selected % moisture content has been reached
- Stores up to 100 readings and displays the average and highest of the stored readings
- Built-in calibration check

DELMHORST INSTRUMENT CO

Model No.	Mfg. No.	Description	Price/Each
IA110	P-2000	Paper Moisture Meter	529.00

SKIPPER PLUS MARINE MOISTURE METER

- Non-destructive detection and measurement of moisture in GRP (glass reinforced plastic) and wooden boats
- Deep signal penetration of 30 mm (1.25") to detect elevated moisture through most covering and coating materials and deep into the core of composite hulls without having to damage or puncture the material being tested
- Three measurement ranges optimized for testing of different material such as hardwood (5 to 30 %), GRP and surface moisture (0 to 100 comparative scale)
- Because salt water is more conductive than fresh water, there are three different ranges of sensitivity to allow testing of wood or GRP in either fresh or salt water
- External rubber electrodes in direct contact with material being tested
- Large, clear, easy-to-read display
- Hold function allows user to "freeze" the reading
- High moisture audio warning tone
- Automatic power off conserves battery life

TRAMEX

Model No.	Mfg. No.	Description	Price/Each
IA534	SMP	Moisture Meter	627.00

INSPECTION CAMERA

- Comfortable pistol grip design and forward facing controls make it easy to detect and diagnose the unreachable
- High visibility 3.2" colour TFT LCD monitor with 320x240 pixel resolution
- Flexible gooseneck imager head retains configured shape and is waterproof (IP67)
- High visibility 10° adjustable LED lighting
- Camera and video functions allows you to save high resolution JPG images and live video
- Transfer files to a computer via USB cable and optional 2GB SD memory card
- Rechargeable lithium-ion battery
- Viewing Distance: 15cm to 25 cm (5.9" to 9.8")
- TV compatible • Viewing Angle: 0 to 180°
- Camera Diameter: 17mm (0.66"); Length: 1m (39")
- Includes video borescope, imager head, magnet, hook and mirror attachments, 3.7V lithium battery, DC power supply, USB cable, video output cable, user manual and hard carrying case

REED

Model No.	Mfg. No.	Description	Price/Each
IA674	BS-150	Video Inspection Camera	259.00
IA675	BS-150-2GBSD	2GB SD Memory Card	29.00
IA678	BS-C3	3' Cable Extension	35.00
IA679	BS-C6	6' Cable Extension	70.00

WOOD MOISTURE METER

HM165

HF940

HM166

- Three new pin-type wood moisture meters that are ideal for any woodworking application
- Reads surface and core moisture content, giving you key information about a board's uniformity and moisture distribution
- Use the integral electrode pins or attach any *Delmhorst* electrode to the built-in connector
- model **HM165*** corrects for individual species and temperature and averages up to 100 accumulated readings. Moisture content range: 6 to 40 %.
- Model **HF940** features 12 LEDs that are great for reading in direct sunlight or dark areas. Moisture content range: 6 to 30 %.
- Model **HM166*** offers an analog readout in a great new case design. Moisture content range: 6 to 30 %.

* Available as a package. All packages include meter, deluxe carrying case, 26-ES electrode and extra contact pins.

DELMHORST INSTRUMENT CO

Model No.	Mfg. No.	Description	Price/Each
HM165	J-2000	Wood Moisture Meter, Digital Display	390.00
HF940	J-LITE	Wood Moisture Meter, LED	192.00
HM166	J-4	Wood Moisture Meter, Analog Display	318.00

COATING THICKNESS GAUGE

- Measure the thickness of non-magnetic coatings on magnetic or non-magnetic substrates
- Choice of remote probe; F probe measures the thickness of non-magnetic coatings on magnetic substrates; N probe measures the thickness of non-magnetic coatings on non-magnetic substrates
- Automatic calibration and probe recogntion
- Large, easy-to-read LCD provides exact readings without guessing or errors
- µm/mil conversion switch
- Measuring Range: 0 to 1000 µm, 0 to 40 mil

Model No.	Mfg. No.	Description	Price/Each
IA673	CM-8822	Coating Thickness Gauge	495.00
IA682	VM-USB	USB Cable & Software	129.00

R29267E

INSTRUMENTS

THICKNESS GAUGE

MODEL THZ392

- Simply touch the probe to one side of the material and read its thickness
- Drag the probe along the surface of the material and scan for the thinnest reading
- Backlit display is easy to read, even in dim light
- Bar graph indicates signal strength
- Measuring Range: 0.025 to 19.999" (0.63 to 500 mm)

MODEL THZ330

- **Alarm mode**: If a measurement falls below minimum specified value, red LED lights and beeper sounds; green LED lights to indicate an acceptable thickness
- **Differential mode**: Unit displays positive or negative difference of your minimum specified value
- RS232 data port

MODEL THZ331

- All of the features of model **THZ330**
- Automatically stores up to 1000 readings with numeric location codes

THZ329

DAKOTA INSTRUMENTS

Model No.	Mfg. No.	Description	Price/Each
THZ329	MX-3	Ultrasonic Thickness Gauge	1395.00
THZ330	MX-5	Ultrasonic Thickness Gauge	1895.00
THZ331	MX-5DL	Datalogging Ultrasonic Thickness Gauge	2327.00

THICKNESS GAUGE

- Measures the wall thickness of materials from one side
- Single or two point adjustment
- HiLo alarm audibly and visibly alerts when measurements exceed user selected limits
- Internal memory stores up to 250 readings
- Scan Mode has a measurement rate of 20 readings per second with on-screen max and min
- Large, graphic flip display with backlight
- Two-button menu-driven user interface
- Pre-programmed velocities
- 5 MHz 1/4" dual element transducer
- Automatic V-path compensation for thin materials
- Built-in infrared port for wireless printing
- RS232 port for downloading
- Zero plate for automatic zeroing
- Complete with transducer, 2 "AA" batteries and couplant in a carrying case
- Measuring Range: 0.040 to 5.000"; 1.00 to 125.00 mm

DEFELSKO

Model No.	Mfg. No.	Description	Price/Each
HX173	UTG	Ultrasonic Thickness Gauge	2127.00

THICKNESS GAUGE

- Exclusive micro-computer LSI circuit and crystal time base offer high accuracy
- Digital display provides exact readings without guessing or errors
- Broad band receiving sensitivity means the meter can read probes of different frequencies
- Auto calibration
- Automatic material calibration
- Selectable metric or imperial
- Measures the thickness of steel, cast iron, aluminum, red copper, zinc, quartz glass, polyethylene, PVC, gray cast iron and nodular cast iron
- Display sound velocity at the touch of a button (**HX399**)
- Measuring Range: 1.5 to 200 mm in #45 steel

REED

Model No.	Mfg. No.	Description	Price/Each
HX399	TM-8811	Ultrasonic Thickness Gauge	495.00

DUROMETER

- Digital durometer for Shore A hardness testing
- Designed to measure the penetration hardness of rubber, elastomer and other rubber like substances such as neoprene, silicone and vinyl
- Pocket-sized model with integrated probe
- Measures maximum value
- Calculates average value
- Push button zero calibration
- Bright, clear, 4-digit, 10 mm high LCD readout
- Meets DIN 53505, ASTM D2240, ISO 7619 and JISK 7215

SPECIFICATIONS:

Measuring range:	0 to 90 HA
Résolution:	0.1 HA
Deviation:	± 1 HA

REED

Model No.	Mfg. No.	Description	Price/Each
IA632	HT-6510A	"A" Scale Durometer	495.00

DUROMETER

- Models feature a heat-treated, high carbon steel mainspring that is calibrated to meet or exceed ASTM Specification D2240-81
- Special cam permits a scale deflection of 100 points when the indenter is displaced exactly 0.100 inch
- Dial scale is extended over 240 circular degrees, accurate to within ± 1 division
- Threaded mounting knob at the top of each durometer permits permanent test stand emplacement
- Resettable ancillary pointer will register the peak durometer reading against all vibrations met in normal use

HB548

MODEL HB548

- "A" Scale durometer measures the indentation hardness of rubber, elastomers, and other rubber-like substances such as neoprene, silicone, vinyl and butyl. It can also be used for soft plastics, felt leather and similar materials

HB538

MODEL HB549

- "D" Scale durometer is designed for hard plastics - polystyrenes, vinyls, Formica, Plexiglas - hard rubbers and phenolic moulded materials

MODEL HB538

- Foam and sponge rubber durometer measures the hardness of soft materials such as foam rubber, sponge rubber, jells and doughs
- Classifies cellular rubbers of the sponge and foam type as "x-soft", "soft", "medium" and "firm", and then divides these ranges into smaller increments

PTC INSTRUMENTS

Model No.	Mfg. No.	Description	Price/Each
HB548	306L	"A" Scale Durometer	654.00
HB549	307L	"D" Scale Durometer	654.00
HB538	302SL	Sponge Rubber Durometer	707.00

STEEL HARDNESS TESTER

- Designed for accurate, rapid in place measurement of the hardness of steel and steel alloys in the range from 20 to 65 on the equivalent Rockwell C Scale
- Unit consists of two major components: calibrated indenter and direct reading microscope
- Hand-held impact indenter drives a 1/16" diameter tungsten carbide ball into the sample being tested
- Resulting indentation diameter is measured with 60X microscope
- Calibrated reticle in the microscope reads C Scale directly with an accuracy of ± 1.5 points
- Illumination system features a *MagLite*® flashlight with a fiber optic pipe that directs the light to the focus of the microscope
- Flat or curved surfaces of virtually any configuration may be measured
- Particularly useful where the test piece is too large or too heavy to test on bench-type tester

PTC INSTRUMENTS

Model No.	Mfg. No.	Description	Price/Each
HB605	316	Steel Hardness Tester	1072.00

R25322E

SOUND LEVEL METER

- Meets IEC 651 Type 1 specifications
- 3 ranges, 30 to 130 dB,
- MAX HOLD, DATA HOLD
- A/C frequency weighting
- Fast/Slow time weighting
- AC output
- Internal 94 dB calibration

REED

Model No.	Mfg. No.	Description	Price/Each
HN404	SL-4022	Sound Level Meter	459.00

SOUND LEVEL METER

- Dual range measurement (Hi/Lo)
- A and C frequency weighting
- Large, easy-to-read LCD display
- Electret condenser microphone for high accuracy and longterm stability
- Internal 94 dB calibration
- RS232 computer interface
- AC/DC output signal for use with dataloggers
- Data Hold, Max Hold functions and low battery indication
- Meets IEC651 Type 2 requirements
- Includes carrying case, windshield ball and battery
- Measuring range: 30 to 130 dB (A and C)

REED

Model No.	Mfg. No.	Description	Price/Each
HX390	ST-8850	Sound Level Meter	239.00

NOISE DOSIMETER

- Measure % noise dose / exposure time / sound level
- Conforms to ANSI S1.25-1991, A weighting
- Peak 140 dbA and 115 dBA RMS flags
- Stores data for up to 5 separate events
- Real time clock with calendar
- RS232 interface
- Includes *Windows*™ software, RS-232 cable, 9-pin to 25-pin gender changer
- Noise Dose Range: 0 to 99.99% DOSE
- Criterion Level: Selectable 80, 84, 85, 90 dB
- Threshold Level Selectable from 70 to 90 dB in 1dB steps
- Exchange Rate: Selectable 3dB, 4dB, 5dB or 6dB
- Sound Level Range: 70 to 140 dBA

TES

Model No.	Mfg. No.	Description	Price/Each
IA665	TES-1355	Datalogging Noise Dosimeter	561.00

SOUND LEVEL METER

- Auto or manual ranging (3 ranges)
- A and C frequency weighting
- Large, easy-to-read LCD display
- Electret condenser microphone for high accuracy and longterm stability
- Internal 94 dB calibration
- RS232 computer interface
- Data Hold, Max Hold, Max/Min functions and low battery indication
- Meets IEC651 Type 2 requirements
- Includes battery
- Measuring range: 30 to 130 dB (A and C)

MODEL HX312

- *Windows*® 95, 98, Me and XP compatible software
- Memory stores up to 12,280 records of Lp data
- Wide linearity range of 100 dB
- Real-time clock with calendar
- RS-232 interface

IA154

REED

Model No.	Mfg. No.	Description	Price/Each
HX311	SL-4012	Sound Level Meter	355.00
IA154	SL-4012K	Sound Level Meter w/Software, Cable and Case	595.00
HX312	SW-U801-WIN	Data Acquisition Software	89.00

SOUND LEVEL METER

- IEC651 Type II
- 32-80, 50-100, 80-130 dB level ranges
- Autoranging from 30 to 130 dB
- Dynamic range of 50 dB
- 0.1 dB resolution
- Frequency range: 31.5 Hz to 8 kHz
- Accuracy of ± 1.5 dB (ref 94 dB @ 1 kHz)
- 32,000 record data logger
- 4-digit backlit display
- Clock and bar graph displays
- Auto power off
- AC and DC output
- Max/Min function
- Includes calibration screwdriver, windscreen, RS232 cable, *Windows*® datalogging software, battery, manual and carrying case

DATALOGGING

IA661

HN408

IA153

MODEL HN406

- Professional, 1 kHz/94 dB
- Diecasting aluminum alloy housing case
- Two 9 V batteries
- Size: 50 mm dia. x 82 mm

MODEL HN408

- Wind shield ball for sound level microphones
- Compatible with **IA153, HN404, HN405, HX311** and **IA154**
- Size: 65 mm dia.

REED

Model No.	Mfg. No.	Description	Price/Each
IA153	C-322	Datalogging Sound Level Meter	495.00
HN408	SB-01	Wind Shield Ball	7.00
IA661	SC-05	Sound Calibrator	199.00

R29267E

INSTRUMENTS

LIGHT METER

- Designed for one-hand operation and to fit easily into a tool belt or pocket
- Autoranging
- Data Hold and Min/Max functions
- Auto shut-off and zero adjust button
- Overrange and low battery indications
- Ranges: 0 to 20,000 lux; 0 to 2,000 Fc
- User selectable Lux/Fc
- Includes battery

REED

Model No.	Mfg. No.	Description	Price/Each
HX288	LM-81LX	Light Meter	99.00

SOUND LEVEL METER

- Dual range measurement (Hi/Lo)
- A and C frequency weighting
- Large, easy-to-read LCD display
- Electret condenser microphone for high accuracy and longterm stability
- AC/DC output signal for use with dataloggers
- Data Hold, Max Hold functions and low battery indication
- Meets IEC651 Type 2 requirements
- Includes carrying case and battery
- Measuring Range: Low: 35 to 100 dB; High: 65 to 135 dB (A and C)

REED

Model No.	Mfg. No.	Description	Price/Each
HX387	ST-805	Sound Level Meter	149.00

LIGHT METER

- Digital dual filter light meter designed to measure a wide range of lighting types
- Measures to 20,000 Lux
- Large LCD display provides clear readouts even in high ambient light levels
- Data hold function
- Zero adjustment screw
- Over range and low battery indication
- Battery included

REED

Model No.	Mfg. No.	Description	Price/Each
HX319	YK-10LX	Light Meter	139.00

SOUND LEVEL METER

- Check sound levels quickly and economically
- Built-in 1/2" electric condenser microphone
- Measurements from 54 to 126 dB in 7 ranges
- Manual ranging
- Analog scale with needle indicator
- Selectable fast/slow response
- Selectable A/C weighting
- Easy calibration adjustment
- Max Hold button to lock peak values
- Low battery checker
- Analog output for connection to recorders, data loggers, etc.
- Threaded insert for tripod mount

REED

Model No.	Mfg. No.	Description	Price/Each
IA152	8926	Sound Level Meter	89.00

LIGHT METER

- Accurately measures light levels from 0 to 5000 Foot Candles (Fc) and 0 to 50,000 Lux in 3 ranges
- Displays with resolution of 0.1 Fc and 1 Lux, respectively
- Easy to operate - simply switch to desired range
- Large 0.5" LCD readout displays to 1999 counts and indicates overrange
- Precision selenium photovoltaic cells and microprocessor provide for excellent accuracy of ± 5 %
- Sampling time of 0.4 second
- DATA HOLD switch allows you to retain displayed value
- Automatic zero adjustment
- Separate light sensor facilitates measurements in remote locations
- Built-in analog output of 1 mV per count
- Ranges: 2000, 5000, 50,000 Lux; 200, 2000, 5000 Fc

REED

Model No.	Mfg. No.	Description	Price/Each
HF979	K7020	Light Meter	179.00

SOUND LEVEL DATALOGGER

- Conforms to IEC61672-1 Class 2 sound level meters
- 1/2" electret condenser microphone
- Plugs directly into your computer via integral USB port
- A and C frequency weighting
- Fast (125 ms) and Slow (1 s) time weighting
- Normal and Peak modes
- Max and Min measurements
- User selectable sampling intervals from 1 second to 24 hours
- Data storage capacity of 129,920 samples
- Measuring Range: 30 to 130 dB
- Dynamic Range: 50 dB
- Includes: Windscreen, transparent cap, software CD, metal support stand and battery

REED

Model No.	Mfg. No.	Description	Price/Each
IA595	ST-173	Sound Level Datalogger	139.00

R25324E

TALLY COUNTERS

MODEL HD317 HAND TALLY COUNTER

- Sturdy 4-figure hand-operated reset counter
- Push button actuator and handy thumb ring for easy operation
- Chrome plated steel case resists damage from perspiration
- Recommended for applications where operator must be mobile, such as checking meeting attendance, taking warehouse inventories, etc.

HD317

MODEL HD339 STAND TALLY COUNTER

- Sturdy 4-figure hand-operated reset counter
- Special mounting base designed for desk, bench or clipboard mounting
- Heavy gauge steel case and base are chromeplated to resist corrosion.
- Recommended for fixed applications such as assembly line parts counting, traffic surveys, etc.

HD339

REED

Model No.	Mfg. No.	Description	Price/Each
HD317	7655	Hand Tally Counter	16.00
HD339	8-005-1	Stand Tally Counter	19.00

RATCHET COUNTERS

STEEL COUNTER

- Operated by stroke (ratchet) drive
- Five figures standard, 4 mm high
- Knob reset
- Torque: 700 gcm
- Maximum count speed: 600 counts/minute
- Ratchet drive: spring return, 40° movement
- Black enamel steel case
- Supplied with connecting spring

HD448

PLASTIC COUNTER

- Reliable, low cost, plastic counters for all purposes
- Operated by stroke (ratchet) drive or by revolution drive
- Counts with one 45° adjustable lever movement (spindle on right side)
- 5-figure register with knob reset
- Supplied with connecting spring
- Five-figure reset counter counts machine revolution
- Adds when lever is revolved counter clockwise (spindle on right side)

HA931

TRUMETER

Model No.	Mfg. No.	Description	Price/Each
HD448	9-157-M5	Right Ratchet Counter, Steel	49.00
HD447	9-154-M5	Left Ratchet Counter, Steel	49.00
HA931	2012-5	Right Ratchet Counter, Plastic	19.00

DISTANCE MEASURING WHEEL

- Ideal for road distance measuring applications
- Fitted with a 1 m circumference wheel
- Two measuring modes: Trip and Total
- Accuracy: ± 1 %
- Adds forward, subtracts in reverse
- Metric and imperial measurement
- Measure in meters, yards or feet and inches at the push of a button
- Large LCD display is crystal clear in direct sunlight
- Backlight for low light conditions
- Waterproof for all weather conditions
- Pushbutton reset
- Electronic brake
- Telescopic handle
- Mud scraper
- Minimum 5-year battery life

TRUMETER

Model No.	Mfg. No.	Description	Price/Each
HC438	5505E	Distance Measuring Wheel	86.00

STOP WATCHES

MODEL HM942

- High contrast digital display
- Records real time and split times
- 1/100th second resolution
- Displays hour, minute, second, and day of the week
- Alarm and snooze functions
- Shock and water resistant case

HM942

IA078

MODEL IA078

- High contrast digital display with backlight
- Clock, date and alarm functions
- Records real time and split times
- Remembers first 30 laps and their split times (max. 99 laps displayed)
- 1/100th second resolution up to 100 hours
- Shock and water resistant case

IA006

MODEL IA006

- Large LCD that displays real time and records split times for accurate result
- Clock, date and alarm function
- Water resistant
- Includes: Batteries and a 48" nylon lanyard which allows you to comfortably hang the stopwatch around your neck

BIOS Diagnostics

Model No.	Mfg. No.	Description	Price/Each
HM942	FP601	Digital Stop Watch, w/neck lanyard and battery	16.00
IA078	FP603	Digital Stop Watch, w/neck lanyard and battery	32.00
IA006	FP600	Digital Stop Watch, w/neck lanyard and battery	27.11

DUAL DIGITAL TIMER

- Hours, minutes and seconds
- Counts up or down
- Digital clock (12/24 hour selectable)
- 2 channels for timer setting
- Magnetic back, built-in clip, retractable stand

Thermor

Model No.	Mfg. No.	Description	Price/Each
HX501	DT123	Digital Timer	22.44

DIGITAL TIMER

- LCD readout
- Counts hours and minutes
- Pocket clip, desk stand and magnet

Thermor

Model No.	Mfg. No.	Description	Price/Each
HX499	DT120	Digital Timer	10.50

JUMBO DIGITAL TIMER

- Jumbo LCD display
- Minutes and seconds
- Count down timer
- 30-second beeper alarm
- Memory recalls previous time setting
- Magnetic back, built-in clip, retractable stand

Thermor

Model No.	Mfg. No.	Description	Price/Each
HX500	DT122	Digital Timer	14.70

R29268E

STROBOSCOPE

- Internal rechargeable batteries mean easy handling and true portability
- 10-turn potentiometer provides infinite adjustment and precise selection of flash rate
- Temperature stable internal reference ensures low drift operation
- Backlit display for easy reading in all ambient light conditions
- Input and output jacks enable the stroboscope to be remotely triggered and synchronized to external events or operated in a Master/Slave configuration
- Both input and output signals are TTL compatible
- A latching trigger and 1/4-20 UNC tripod mount allows for hands-free operation
- Measuring Range: 100 to 12,000 fpm

MONARCH

Model No.	Mfg. No.	Description	Price/Each
HK251	6204-011	Digital Stroboscope w/Internal Batteries	863.00

TACHOMETER

- Patented design incorporates both a photo and a contact tachometer into one precision instrument
- Ranges: from 0.5 to 20,000 rpm in contact mode; from 5 to 99,999 rpm in photo mode; surface speed from 0.05 to 1999.9 mpm (0.2 to 6560 fpm)
- Linear surface speed measurements are 0.2 to 6560 fpm or 0.05 to 1999.9 mpm
- Automatically holds last reading for 5 minutes and recalls min. and max. readings
- Characters on the large 5 digit display reverse direction depending on which measurement mode you are in
- Provides accuracy to 0.05 % and permits readings to a resolution of 0.1 rpm in either photo or contact mode

REED

Model No.	Mfg. No.	Description	Price/Each
HF964	K4010	Photo/Contact Tachometer	279.00
IA046	ST-CONE	Replacement Contact Adapter	3.00

TACHOMETER

- Dual function unit with both contact and non-contact capabilities
- Supplied with adapters for fpm, rpm and surface speed measurements
- Non-contact function utilizes laser light beam for improved accuracy
- Recalls Max/Min and last values
- Large, easy-to-read display
- Autoranging with 0.05 % accuracy
- Includes battery and carrying case
- Measuring Range: Photo: 5 to 99,999 rpm; Contact: 5 to 19,999 rpm; Surface Speed: 0.05 to 1999 mpm

REED

Model No.	Mfg. No.	Description	Price/Each
HX386	ST-6236B	Photo/Contact Tachometer	179.00
IA046	ST-CONE	Replacement Contact Adapter	3.00
IA047	ST-WHEEL	Replacement Surface Speed Wheel	13.00

ULTRASONIC DISTANCE MEASURER

- Ultrasonic distance measurer with laser point targeting
- Measures in imperial/metric
- Laser target pointer
- Start point selection
- Measurements taken from front or rear of unit
- Data store/recall
- Computes areas and volumes
- 5 groups of value in memory
- Sum of lengths
- Auto/manual shut-off
- LCD backlight
- Beeps for reading confirmation
- Measuring Range: 0.5 m to 16 m (20 in to 52 ft)

REED

Model No.	Mfg. No.	Description	Price/Each
IA390	DM-01	Ultrasonic Distance Measurer	49.00

DIGITAL FORCE GAUGE

- Provides readings of tension (push) or compression (pull) in kg, lb. oz. and Newton units
- Instantly recalls "Peak Load" (max. load) and average readings
- Microprocessor assures ± 0.2 % accuracy and fast 0.8 second update time
- 100 % Zero/Tare control enables maximum pre-load to be stored in the memory
- Zero Adjust push-button and Peak Hold switch
- Selectable fast/slow response
- Large 5-digit LCD display is reversible to match viewing angle
- Holes on the back of the meter case facilitate test stand mounting
- Battery or AC-line operated (uses 6 x 1.5 V "AA" batteries)
- Auto Power Off minimises power consumption and saves battery life
- Complete with hook adapter for tension, compression adapters (flat head, cone head, and chisel head), 5" (120 mm) extension rod, 6 AA batteries and carrying case
- Model **HF676** capacity: 5000 g, 176 oz., 49 N
- Model **HF278** capacity: 20 kg, 44 lbs., 196 N
- Model **HX277** capacity: 100 kg, 220 lbs., 980 N

HX278

HX277

HX279

Case and accessories included

REED

Model No.	Mfg. No.	Description	Price/Each
HF676	FG-5000A	5000-g Capacity	445.00
HX278	FG-20KG	20-kg Capacity	495.00
HX277	FG-5100	100-kg Capacity	595.00
HX279	FS-1001	Test Stand	895.00

R29269E

THERMO-ANEMOMETER

- Mini-vane anemometer permits access to restricted areas
- Dual display indicates m/s, ft/min, km/h, knots, mph and °C/°F
- 13 mm diameter metal mini-vane and telescopic probe to 600 mm
- RS232 output
- Data hold, Record (Max/Min)
- Auto shut off
- Includes battery and hard carrying case
- Velocity Range: 0.2 to 12.0 m/s; 2.8 to 43.2 km/h; 1.8 to 26.8 mph; 160 to 2358 ft/m; 0.8 to 23.3 knots
- Temperature range: 32° to 176°F; 0° to 80°C

REED

Model No.	Mfg. No.	Description	Price/Each
HX340	YK-80 AS	Thermo-Anemometer	495.00

THERMO-ANEMOMETER

- Rotating vane anemometer provides direct reading of air velocity and temperature
- Dual display indicates m/s, ft/min, km/h, knots, mph and °C/°F
- RS232 output
- Data hold, Record (Max/Min)
- Auto shut off
- Includes a heavy-duty metal vane probe
- Velocity range: 0.8 to 40.0 m/s; 2.8 to 144.0 km/h; 1.8 to 89.4 mph; 160 to 4930 ft/m; 1.6 to 78.1 knots
- Temperature Range: 32° to 140°F; 0° to 60°C

REED

Model No.	Mfg. No.	Description	Price/Each
HX338	YK-80 AM	Thermometer-Anemometer	395.00

THERMO-ANEMOMETER

- Built-in rotary vane sensor for one hand operation
- Simultaneous display or air velocity and temperature
- Data hold and auto power off
- Continuous moving air velocity averaging of measurements for up to 2 hours
- Displays Min/Max/Avg velocity with temperature values
- Multi-point averaging up to 8 points
- Calculate average velocity values in seconds
- High-contrast, 4-digit LCD readout
- RS-232 interface
- Air Velocity Range: 80 to 5900 fpm; 0.4 to 30 m/s
- Temperature Range: -10° to 50°C; 14° to 122°F

REED

Model No.	Mfg. No.	Description	Price/Each
IA041	8903	Thermo-Anemometer	89.00

THERMO-ANEMOMETER

- All-in-one meter with integral rotary vane sensor
- Simultaneous display or air velocity and temperature
- Selectable wind speed units: Knots, mph, km/h
- Calculate air volume by keying in area dimension
- Continuous moving air velocity averaging of measurements for up to 2 hours
- Displays Min/Max/Avg velocity with temperature values
- Multi-point averaging up to 8 points
- Calculate average velocity values in seconds
- High-contrast, 4-digit LCD readout
- RS-232 interface
- Data hold and auto power off
- Air Velocity Range: 80 to 5900 fpm; 0.4 to 30 m/s; 0.9 to 68 mph; 1.4 to 108 km/h; 0.8 to 58 knots
- Temperature Range: -10° to 50°C; 14° to 122°F

REED

Model No.	Mfg. No.	Description	Price/Each
IA040	8906	Thermo-Anemometer	259.00

THERMO-ANEMOMETER

- Data hold, Record (Max/Min)
- Integral vane design for one hand operation
- Push button operation
- Pocket-sized
- Includes battery
- Air Velocity Range: 80 to 5910 fpm; 0.4 to 30 m/s; 0.9 to 67 mph; 1.4 to 108 km/h; 0.8 to 58.3 knots
- Temperature Range: 0° to 50°C; 32° to 122°F

REED

Model No.	Mfg. No.	Description	Price/Each
HX286	LM-81 AM	Thermo-Anemometer	99.00

THERMO-ANEMOMETER

- 4-in-1 multi-function meter: anemometer, humidity meter, light meter and type-K digital thermometer
- Data hold, Record (Max/Min)
- Integral vane design for one hand operation
- Push button operation
- Pocket-sized
- Includes battery
- Air Velocity Range: 80° to 5910 fpm; 0.4 to 30 m/s; 0.9 to 67 mph; 1.4 to 108 km/h; 0.8 to 58.3 knots
- Temperature Range: Air: 0° to 50°C; 32° to 122°F; Input: -100° to 1300°C; -148° to 2372°F
- Humidity Range: 10 to 95% RH
- Light Range: 0 to 20,000 lux; 0 to 2,000 Ft-c

REED

Model No.	Mfg. No.	Description	Price/Each
HX285	LM-8000	Multi-Function Meter	195.00

R29270E

THERMO-ANEMOMETER

MEASURES AIR VELOCITY, AIR VOLUME & AIRSTREAM TEMPERATURE

- Newly developed reversible head for measuring air velocity at exhaust and inlet grilles with one instrument
- Sweep mode measures average air velocity or air volume over an area or period of time
- Displays measurements in metric or imperial units
- Ergonomically designed for high performance, unrivalled accuracy and ease of use
- Air Velocity Range: 0.25 to 30 m/s (50 to 6,000 fpm)
- Temperature Range: 0 to 60 °C (32 to 140 °F)
- Volumetric Flow Rate: 1 to 999,999 l/s (1 to 9,999,000 cfm) 1 to 999,999 m^3/h, 0.1 to 3,000 m^3/s
- Optional AirCones quickly convert the **HK666** into an air volume flow balancing tool
- Aerodynamic design for minimal resistance
- Two sizes suit most supply and extract grilles
- Self sealing for leak tight readings
- Constructed of hard wearing ABS
- Volume flow curves in m^3/sec and cfm
- Air Volume Range: 0 to 0.1 m^3/s (0 to 210 cfm)

HK666

IA116

ALNOR A TSI® Company

Model No.	Mfg. No.	Description	Price/Each
HK666	RVA801	Rotating Vane Thermo-Anemometer	**674.00**
IA116	801750	Volumetric Flow Hoods	**286.00**

ROTATING VANE THERMO-ANEMOMETER

- Designed to provide fast and accurate air velocity and temperature readings
- Separate rotating vane anemometer sensor
- Type K sensor for temperature measurements
- 3 1/2 digits LCD readout
- Data hold and Max hold functions

SPECIFICATIONS:

Air Velocity Range:	0.0 to 45.0 m/s; 0.0 to 140.0 kph; 0.0 to 88.0 knots
A/V Resolution:	0.1 m/s; 0.1 kph; 0.1 knot
A/V Accuracy:	± 3 %
Temperature Range:	0° to 60.0 °C; 32.0° to 140.0 °F
Temp. Resolution:	0.1 °C; 0.1 °F
Temp. Accuracy:	± 0.8 °C; ± 1.5 °F
Dimensions:	Meter: 150 x 72 x 35 mm; Vane: 132 x 66 x 29 mm
Weight:	Meter: 210 g; Vane: 35 g

REED

Model No.	Mfg. No.	Description	Price/Each
IA196	ST-618	Rotating Vane Thermo-Anemometer	**179.00**

BALOMETER

- Detachable manometer can be used with optional probes
- Reads in. H_2O, ft H_2O, PSI, in. Hg, mm Hg, m H_2O, kPa, mm Hg, bar
- Displays Min, Max and Average of up to 1000 readings
- Stores up to 1000 readings with time and date stamp
- Battery operated
- Includes *CompuDat*® software to download data to PC
- Shipped complete with manometer, 2' x 2' air capture hood/frame/base, 4 "AA" size rechargeable NiMH batteries, external battery charger, 18" pitot probe, 2 static pressure probes, 16 ft. neoprene tubing, wheeled carrying case, software and manual
- Diff. Pressure Range: ± 15 in. H_2O (3735 Pa)
- Absolute Pressure Range: 15 to 40 in Hg (356 to 1016 Hg)
- Air Velocity Range: 25 to 8,000 fpm (0.125 to 40 m/s) pitot tube; 25 to 5,000 fpm (0.125 to 25 m/s) air flow probe; 25 to 2,500 fpm (0.125 to 12.5 m/s) velocity matrix
- Air Volume Range: 25 to 2,500 ft^3/m (42 to 4250 m^3/h)
- Humidity Range: 0 to 95 % RH (optional probe)
- Temperature Range: -40° to 250 °F (-40° to 121 °C) probe dependent

IA120

ALNOR A TSI® Company

Model No.	Mfg. No.	Description	Price/Each
IA120	EBT721	Balometer, Electronic Kit	**3695.00**
IA575	800187	Air Foil Probe	**395.00**
IA576	800188	Probe, Temperature	**191.00**
IA577	800189	Probe, Temp/RH	**409.00**
IA578	801090	16-Point Velocity Matric w/Telescopic Handle	**483.00**
IA579	801206	Hood Expansion Kit, 2 hoods, 1' x 4' and 2' x 4'	**613.00**
IA580	801207	Hood Expansion Kit, 2 hoods, 1' x 5' and 3' x 3'	**613.00**

THERMO-ANEMOMETERS

- Simultaneous display of air velocity and temperature (and humidity with Model **HX258**)
- Super large (1.4"), 4-digit, dual function LCD
- Remote low friction vane-type air flow sensor (2.33"D)
- Humidity probe with thin-film capacitance sensor
- Both sensors also provide temperature measurements
- Record/Recall Min, Max and Avg readings
- Data Hold plus Auto shut off
- Built-in RS-232 serial interface with optional data acquisition software and datalogger module
- 9 V battery power or optional AC adapter
- Complete with airflow and humidity probes with 39" (1m) cable, 9 V battery and protective holster
- Air Velocity Range: 0.4 to 25.0 m/s; 1.4 to 90.0 km/h; 80 to 4930 ft/min; 0.9 to 55.9 mph; 1.9 to 38.8 knots
- Temperature Range: 32 to 122 °F; 0 to 50 °C
- Humidity Range: 0 to 95 % RH

REED

Model No.	Mfg. No.	Description	Price/Each
HX258	AM-4205	Thermo-Anemometer/Hygrometer	**395.00**

R29271E

MANOMETER

- 8 selectable measuring units: PSI, mBar, kg/cm², mm/Hg, in/Hg, meter/ w.c., in/w.c. and Atmosphere
- Basic accuracy of ± 1 % of full scale
- Dual differential inputs with internal sensors
- Large LCD display with contrast adjustment
- Zero function for offset measurements
- Data Hold and Min/Max recall
- Auto power off
- Quick-disconnect fittings
- RS232 serial interface
- Sampling Time: 0.8 second
- Pressure Ranges: ± 2000 mbar, ± 29 PSI, ± 2.040 kg/cm², ± 1500 mm Hg, ± 59.05 in Hg, ± 20.40 m H_2O, ± 802.0 in H_2O, ± 1.974 Atmosphere

REED

Model No.	Mfg. No.	Description	Price/Each
HX301	PM-9100	Digital Manometer	259.00

MANOMETERS

- Digital display of gauge or differential
- Select from one of 11 different pressure units
- Data hold
- Max/Min Record
- Display backlight
- Auto power off
- Low battery indicator
- Simple fittings for hose connection
- Optional RS-232 interface
- Includes hard carrying case, 9 V battery, connection hose and manual
- Pressure Range: **IA138**: 0 to 30 PSI; **IA139**: 0 to 100 PSI

IA138

REED

Model No.	Mfg. No.	Description	Price/Each
IA138	8230	Digital Manometer	175.00
IA139	82100	Digital Manometer	195.00

MANOMETERS

- Measures positive, negative or differential pressures of air and other gases
- New FM approved option is intrinsically safe for hazardous locations, Class I, Div.1, Group A, B, C, D, T4
- When used with a pitot tube, can also be used as an air velocity gauge
- Dual push pads on the front panel control on-off operation and English or metric pressure unit selection - all with no set-up or levelling
- Zero adjust knob is conveniently located on top
- Large 1/2" LCD display is easy to read in even the poorest lighting conditions, includes a "low battery" indicator
- Standard connections are dual sized for 1/8" or 3/16" I.D. vinyl or rubber tubing

IA127

Dwyer

Model No.	Mfg. No.	Range	Price/Each
IA124	475-000-FM	0-1.00 in. w.c/0-.249 kPa	431.00
IA125	475-00-FM	0-4.00 in. w.c/0-.995 kPa	413.00
IA126	475-0-FM	0-10.00 in. w.c/0-2.49 kPa	413.00
IA127	475-1-FM	0-19.99 in. w.c/0-4.97 kPa	195.00
IA128	475-2-FM	0-40.0 in. w.c/0-9.95 kPa	254.00
IA129	475-3-FM	0-199.9 in. w.c/0-49.7 kPa	254.00
IA130	475-4-FM	0-10.00 psid/0-.689 bar	254.00
IA131	475-5-FM	0-19.99 psid/0-1.378 bar	254.00
IA132	475-6-FM	0-30.0 psid/0-2.07 bar	254.00
IA137	475-7-FM	0-100 psid/0-6.89 bar	537.00
IA138	475-8-FM	0-150 psid/0-10.34 bar	175.00

MANOMETER

- Positive or negative pressure measurements
- Auto power off to conserve battery life
- Electronic zeroing function for offset measurements
- Large, easy-to-read display
- Extruded aluminum case
- Pressure Range: -20 to 20" w.c. (-50 to 50 mbar)

Dwyer

Model No.	Mfg. No.	Description	Price/Each
IA135	476A-0	Digital Manometer	141.00

MANOMETERS

- Instant selection from up to nine English/metric units: psid, in H_2O, mm H_2O, in Hg, mm Hg, Pa, kPa, bar, Mbar
- Stores 20 readings in memory for later reference
- Measure positive, negative or differential pressures
- Audible and visual overpressure alarms
- Large, easy-to-read 0.4" LCD readout includes switchable backlight
- Electronic zeroing lets you null out any minor differences
- Display hold key freezes current pressure reading reading
- Operates up to 100 hours on a single 9 Volt battery
- Auto shut-off to minimise battery drain
- FM approved as intrinsically safe for hazardous locations Class 1, Div. 1, Group A, B, C, D, T4.

HM543

Dwyer

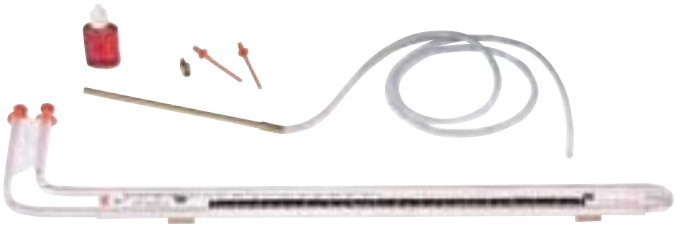
Model No.	Mfg. No.	Range	Price/Each
HM543	477-1-FM	0-20 in. w.c/0-5 kPa	594.00
HM544	477-2-FM	0-40 in. w.c/0-10 kPa	537.00
HM545	477-3-FM	0-200 in. w.c/0-50 kPa	537.00
HM546	477-4-FM	0-10 psid/0-70 kPa	537.00
HM547	477-5-FM	0-30 psid/0-200 kPa	537.00
IA136	477-6-FM	0-100 psid/0-700 kPa	537.00
IA137	477-7-FM	0-150 psid/0-1000 kPa	537.00

Call us for quantity pricing!

R29272E

DUAL RANGE INCLINED U-TUBE MANOMETER

- As a regular U-tube manometer it indicates high range pressure from 0 to 16 inches of water (with .2" minor divisions) on the right leg; as an inclined manometer it reads low range pressure from -.20 to 0 to 2.6 inches of water (with .02" minor divisions) on the left leg
- Easy to use; simply incline unit until fluid level reads zero
- Magnetic clips hold the gauge in position on steel duct surface
- **Unit comes complete with**: Two magnetic clips to hold the instrument to metal surfaces; two plastic carrying plugs with retainers for use when the manometer is not in service; flexible vinyl plastic tubing connectors; 4 1/2' length of plastic tubing; brass terminal tube, 1/4" dia. x 8" long; 1/8" NPT brass adapter; 3/4 oz. bottle red gauge fluid; and vinyl carrying case.



Model No.	Mfg. No.	Description	Price/Each
HA382	1227	Inclined U-Tube Manometer	95.00

SLACK TUBE MANOMETER

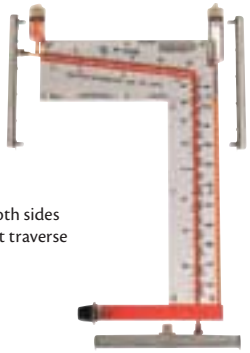
- All models have flexible vinyl-plastic columns and flexible spring steel scale calibrated in inches of water using water, and inches of mercury using mercury
- Scale is centre-mounted between columns to eliminate parallax error and has a full 2-inch sliding zero adjustment
- All models feature exclusive moulded nylon tubing connector assemblies with rapid shutoff design and an acrylic plastic top
- Moulded all-nylon construction makes this assembly corrosion-proof, leakproof and practically unbreakable
- Tubing connectors extend horizontally allowing 360° freedom
- All models have over pressure safety traps in the top of both columns to prevent loss of fluid due to over range pressures or surges in pressure

HA314

Model No.	Mfg. No.	Description	Price/Each
HA314	1211-8	Slack Tube Manometer, 4-0-4 in	95.00
HA303	1211-12	Slack Tube Manometer, 6-0-6 in	99.00
HA305	1211-16	Slack Tube Manometer, 8-0-8 in	100.00
HA307	1211-24	Slack Tube Manometer, 12-0-12 in	105.00
HA308	1211-30	Slack Tube Manometer, 15-0-15 in	117.00
HA309	1211-36	Slack Tube Manometer, 18-0-18 in	111.00
HA310	1211-48	Slack Tube Manometer, 24-0-24 in	139.00
HA312	1211-60	Slack Tube Manometer, 30-0-30 in	147.00
HA313	1211-72	Slack Tube Manometer, 36-0-36 in	147.00
HA304	1211-120	Slack Tube Manometer, 60-0-60 in	157.00
HA311	1211-50	Slack Tube Manometer, 25-0-25 cm	118.00
HA302	1211-100	Slack Tube Manometer, 50-0-50 cm	121.00
HA306	1211-200	Slack Tube Manometer, 100-0-100 cm	151.00

INCLINED/VERTICAL MANOMETER

- Inclined section for high accuracy and vertical section for extended range
- Velocity marked in red; air pressure marked in black
- Screw leveling adjustment and ground glass bubble level



KIT INCLUDES NO. 400 AIR METER & ALL ACCESSORIES:

- Stainless steel calibrated pitot tube (18") - Graduated both sides in inches to show insertion depth for easy, accurate duct traverse
- Rubber tubing with connectors - 2 coils of 3/8" with metal terminal tubes
- Magneclip side mountings - Attaches meter instantly to steel duct or surface
- Air velocity calculator - Slide rule eliminates tedious calculations
- Red gauge oil - Spare bottle for occasional refilling
- Instruction card
- Steel carrying case

Model No.	Mfg. No.	Pressure	Velocity	Inclined Range	Vertical Range	Price /Each
HB911	400-5L	0-5" H_2O	400-9000 fpm	0-1" w.c.	1-5" w.c.	1149.00
HB909	400-10	0-10" H_2O	400-12,600 fpm	0-1" w.c.	1-10" w.c.	1185.00
HB910	400-23	0-23" H_2O	600-19,200 fpm	0-2.3" w.c.	2.3-23" w.c.	1515.00

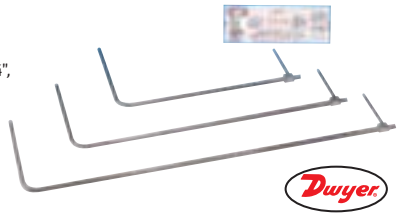
AIR FILTER GAUGE

- Compact inclined-vertical air filter gauge measures pressures both above and below atmospheric, as well as pressure differentials
- Logarithmic curve-shaped tube provides high range capacity with large, more easily read increments at low readings
- Operating range is 0 to 3 inches water, with divisions of 0.01 inch water at the low end scale, and 0.120 inch water at the high end
- Accurate to ± 3 % of full scale
- Constructed of moulded acrylic plastic

Model No.	Mfg. No.	Description	Price/Each
HB239	25	Air Filter Gauge	51.00

PITOT TUBES

- Hemispherical tip design means low sensitivity to misalignment
- Precisely located, burr-free static pressure holes
- 304 stainless steel construction
- 5/16" models rated to 1500 °F, 1/8" models to 800 °F
- Use 1/8" models in ducts as small as 4", 5/16" models in ducts 10" or larger
- Silver soldered connections for leak-proof operation
- Inch graduations on sides quickly determine exact insertion depth



Model No.	Mfg. No.	Description	Price/Each
HA532	160-8	Standard 5/16" Pitot Tube, 8" Insertion Length	91.00
HA522	160-12	Standard 5/16" Pitot Tube, 12" Insertion Length	79.00
HA525	160-18	Standard 5/16" Pitot Tube, 18" Insertion Length	91.00
HA527	160-24	Standard 5/16" Pitot Tube, 24" Insertion Length	95.00
HA528	160-36	Standard 5/16" Pitot Tube, 36" Insertion Length	108.00
HA529	160-48	Standard 5/16" Pitot Tube, 48" Insertion Length	111.00
HA530	160-60	Standard 5/16" Pitot Tube, 60" Insertion Length	130.00
HA585	166-6	Pocket 1/8" Diameter Pitot Tube, 6" Insertion Length	85.00
HA584	166-12	Pocket 1/8" Diameter Pitot Tube, 12" Insertion Length	88.00
HA587	167-6	Pocket 1/8" Diameter Short Tip Pitot Tube, 6" Insertion Length	85.00
HA586	167-12	Pocket 1/8" Diameter Short Tip Pitot Tube, 12" Insertion Length	88.00

Call us for all your Instrument & Electrical requirements!

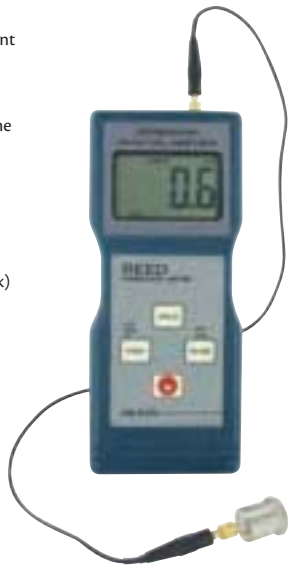
R25330E

VIBRATION METER

- Measures acceleration, velocity, and displacement
- Bearing condition monitoring function
- Piezoelectric accelerometer
- 4-digit, 18 mm high LCD readout with data hold
- Includes: accelerometer, two stinger probes (cone and ball), rare earth magnet, and carrying case

SPECIFICATIONS:

Ranges:
Velocity: 0.01 to 20.00 cm/s (RMS)
Acceleration: 0.1 to 200.0 m/s² (peak);
Displacement: 0.001 to 2.000 mm (peak-peak)
Frequency Ranges:
Acceleration: 10 to 1 kHz ("1" mode), 10 to 10 kHz ("10" mode);
Velocity: 10 Hz to 1 kHz;
Displacement: 10 Hz to 1 kHz
Accuracy: ± 5 % rdg. + 2 dgt.
Power Supply: 4 x 1.5 V "AA" batteries
Dimensions: 160 x 68 x 32 mm



REED

Model No.	Mfg. No.	Description	Price/Each
IA633	VM-6320	Vibration Meter	695.00

VIBRATION METER

- Provides direct readings of acceleration and velocity
- RMS and Peak measurement
- Data hold, max. and min. memory
- 4-digit LCD readout and slide switch operation
- RS-232 output
- Includes remote vibration sensor, magnetic base, and hard carrying case
- Velocity Ranges: 20 and 200 mm/s
- Acceleration Ranges: 200 and 2000 m/s²
- Frequency Range: 10Hz to 1kHz
- Dimensions/Weight: 7.1 x 2.8 x 1.3"/14.6 oz

HX317

REED

Model No.	Mfg. No.	Description	Price/Each
HX317	VB-8200	Vibration Meter	895.00
HX312	SW-U801-WIN	Data Acquisition Software	89.00
HX315	UPCB-01	RS232 Cable	30.00
IA631	USB-01	USB Cable	68.00

MAGNEHELIC® GAUGE

- Accuracy: ± 2 % f.s. @ 70 °F
- Pressure Rating: -20" Hg to 15 PSIG
- Overpressure: Relief plug open at 25 PSIG
- Ambient Temperature: 20° - 140 °F
- Connections: 1/8" NPT female high and low pressure taps

HA878

Model No.	Mfg. No.	Range	Minor Divs.	Price/Each
HA878	2001D	0 to 1.0 in. w.c.	.02	94.00
HA889	2002D	0 to 2.0 in. w.c.	.05	94.00
HM190	2003D	0 to 3.0 in. w.c.	.10	94.00
HA896	2004D	0 to 4.0 in. w.c.	.10	94.00
HA898	2005D	0 to 5.0 in. w.c.	.10	94.00
HA900	2006D	0 to 6.0 in. w.c.	.20	109.00
HA908	2008D	0 to 8.0 in. w.c.	.20	102.00
HA924	2010D	0 to 10 in. w.c.	.20	94.00
HA944	2015D	0 to 15 in. w.c.	.50	94.00
HA948	2020D	0 to 20 in. w.c.	.50	94.00
HA950	2025D	0 to 25 in. w.c.	.50	94.00
HA952	2030D	0 to 30 in. w.c.	1.0	102.00
HA953	2040	0 to 40 in. w.c.	1.0	109.00
HA957	2050D	0 to 50 in. w.c.	1.0	102.00
HA959	2060	0 to 60 in. w.c.	2.0	102.00
HA968	2080	0 to 80 in. w.c.	2.0	109.00
HA980	2100	0 to 100 in. w.c.	2.0	102.00
HB094	2150	0 to 150 in. w.c.	5.0	116.00
HB161	2201	0 to 1 PSI	.02	116.00
HB164	2202	0 to 2 PSI	.05	116.00
HB165	2203	0 to 3 PSI	.10	116.00
HB166	2204	0 to 4 PSI	.10	116.00
HB167	2205	0 to 5 PSI	.10	116.00
HB169*	2210	0 to 10 PSI	.20	201.00
HB171*	2215	0 to 15 PSI	.50	201.00
HB174*	2220	0 to 20 PSI	.50	201.00
HB175**	2230	0 to 30 PSI	1.0	263.00

Model No.	Mfg. No.	Zero Center Range	Minor Divs.	Price/Each
HB189†	2300-0	.25 to 0 to .25 in. w.c.	.01	110.00
HB200	2301	.5 to 0 to .5 in. w.c.	.02	118.00
HB202	2302	1 to 0 to 1 in. w.c.	.05	127.00
HB204	2304	2 to 0 to 2 in. w.c.	.10	127.00
HB206	2310	5 to 0 to 5 in. w.c.	.20	127.00
HB207	2320	10 to 0 to 10 in. w.c.	.50	127.00
HB211	2330	15 to 0 to 15 in. w.c.	1.0	127.00

Model No.	Mfg. No.	Pressure Range	Air Velocity Range	Price/Each
HA827†	2000-00 AV	0 to .25 in. w.c.	300 to 2000 fpm	134.00
HA824†	2000-0 AV	0 to .50 in. w.c.	500 to 2800 fpm	116.00
HA877	2001 AV	0 to 1.0 in. w.c.	500 to 4000 fpm	116.00
HA880	2002 AV	0 to 2.0 in. w.c.	1000 to 5600 fpm	109.00
HA919	2010 AV	0 to 10 in. w.c.	2000 to 12,500 fpm	116.00

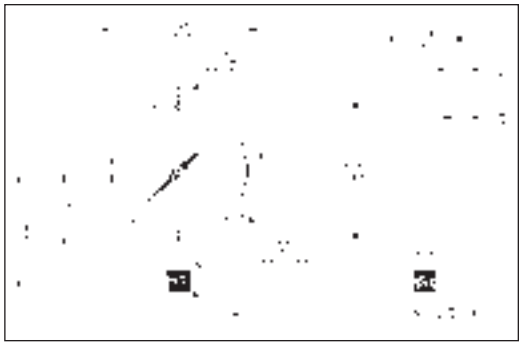
* MP option standard ** HP option standard † These ranges calibrated vertical scale position

R29273E

PROCESS GAUGES

- Stamped aluminum 4 1/2" (115 mm) diameter dial
- Black, impact resistant phenolic case
- 316 stainless steel bourdon tube and socket
- Silicone fluid filled and rated for -50° to 170 °F
- 1/2 % of full scale accuracy
- Transient over-pressure limit: 30 %
- Restrictor screw
- Shatterproof glass lens
- Integral back flange
- Safety blowout backplate
- Micrometer adjustable pointer
- 1/4" or 1/2" NPT male connection bottom

IA361



REED

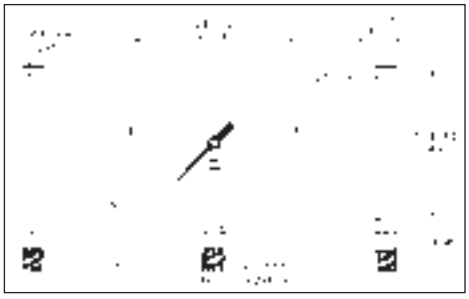
1/4" NPT Model No.	Mfg. No.	1/2" NPT Model No.	Mfg. No.	Dial Ranges	Price /Each
IA399	LF45-15-1/4	IA351	LF45-15-1/2	30"-0-15 PSI	98.00
IA335	LF45-30-1/4	IA352	LF45-30-1/2	30"-0-30 PSI	98.00
IA336	LF45-60-1/4	IA353	LF45-60-1/2	30"-0-60 PSI	98.00
IA337	LF45-30HG-1/4	IA354	LF45-30HG-1/2	30"- 0 Hg Vac.	98.00

1/4" NPT Model No.	Mfg. No.	1/2" NPT Model No.	Mfg. No.	Compound Scale Dial Ranges	Price /Each
IA338	LF45-15P-1/4	IA355	LF45-15P-1/2	0-15 PSI/0-100 kPa	98.00
IA339	LF45-30P-1/4	IA356	LF45-30P-1/2	0-30 PSI/ 0-200 kPa	98.00
IA340	LF45-60P-1/4	IA357	LF45-60P-1/2	0-60 PSI/0-400 kPa	98.00
IA341	LF45-100P-1/4	IA358	LF45-100P-1/2	0-100 PSI/0-700 kPa	98.00
IA342	LF45-160P-1/4	IA359	LF45-160P-1/2	0-160 PSI/0-1100 kPa	98.00
IA343	LF45-200P-1/4	IA360	LF45-200P-1/2	0-200 PSI/0-1400 kPa	98.00
IA344	LF45-300P-1/4	IA361	LF45-300P-1/2	0-300 PSI/0-2100 kPa	98.00
IA401	LF45-400P-1/4	IA362	LF45-400P-1/2	0-400 PSI/0-2800 kPa	98.00
IA345	LF45-600P-1/4	IA363	LF45-600P-1/2	0-600 PSI/0-4200 kPa	98.00
IA400	LF45-1500P-1/4	IA365	LF45-1500P-1/2	0-1500 PSI/0-10,500 kPa	98.00
IA347	LF45-2000P-1/4	IA366	LF45-2000P-1/2	0-2000 PSI/0-14,000 kPa	98.00
IA348	LF45-3000P-1/4	IA367	LF45-3000P-1/2	0-3000 PSI/0-21,000 kPa	98.00
IA349	LF45-5000P-1/4	IA368	LF45-5000P-1/2	0-5000 PSI/0-35,000 kPa	98.00
IA350	LF45-10000P-1/4	IA369	LF45-10000P-1/2	0-10,000 PSI/0-70,000 kPa	98.00

PRESSURE GAUGES

- 4.5" diameter dial has dual English/metric scales
- Balanced adjustable black pointer
- Corrosion resistant stainless steel case and ring, plastic lens
- Soft soldered phosphor bronze tube with brass socket recommended for average general use
- Suitable for steam, water, air, oil, gas or any medium not corrosive to copper alloys
- 1/4" NPT bottom connection only
- 1 % accuracy

IA328



REED

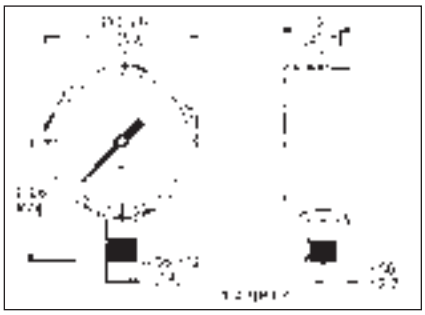
Model No.	Mfg. No.	Dial Range	Figure Intervals	Smallest Graduation	Price /Each
IA326	421 AVND-30	0-30 PSI/0-200 kPa	5 PSI.	0.5 PSI	19.00
IA327	421 AVND-60	0-60 PSI/0-400 kPa	10 PSI.	1 PSI	19.00
IA328	421 AVND-100	0-100 PSI/0-700 kPa	10 PSI.	1 PSI	19.00
IA329	421 AVND-160	0-160 PSI/0-1100 kPa	20 PSI.	2 PSI	19.00
IA330	421 AVND-200	0-200 PSI/0-1400 kPa	20 PSI.	2 PSI	19.00
IA331	421 AVND-300	0-300 PSI/0-2100 kPa	50 PSI.	5 PSI	19.00
IA332	421 AVND-500	0-500 PSI/0-3500 kPa	50 PSI.	5 PSI	19.00
IA333	421 AVND-30 VAC	30" - 0 Hg Vac	5"	0.5"	19.00

R25332E

PRESSURE GAUGES

- 2.5" diameter dial has dual English/metric scales
- ASME Grade B accuracy: ± 3 % first 3rd of scale, ± 2 % middle 3rd of scale, and ± 3 % last 3rd of scale
- Corrosion resistant stainless steel case and ring, acrylic lens
- Brass internal materials
- 1/4" NPT bottom connection only
- Rated for -20 to 60 °C and pressure steady at 75 % f.s.

IA285



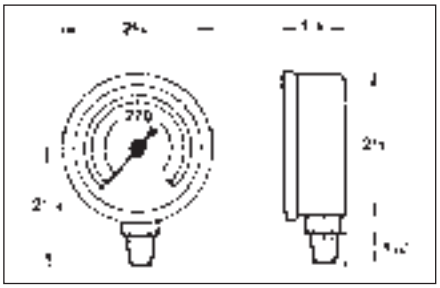
REED

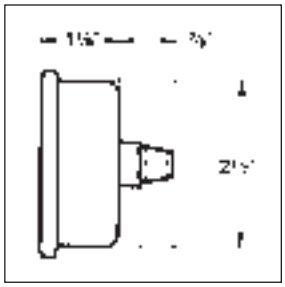
Model No.	Mfg. No.	Dial Ranges	Price/Each
IA280	LVBNA-30HG	0-30" Hg Vac.	**8.00**
IA281	LVBNA-30	30" Hg Vac to 30 PSI	**8.00**
IA282	LVBNA-15P	0 to 15 PSI/0 to 105 kPa	**8.00**
IA283	LVBNA-30P	0 to 30 PSI/0 to 210 kPa	**8.00**
IA284	LVBNA-60P	0 to 60 PSI/0 to 420 kPa	**8.00**
IA285	LVBNA-100P	0 to 100 PSI/0 to 700 kPa	**8.00**
IA286	LVBNA-160P	0 to 160 PSI/0 to 1120 kPa	**8.00**
IA287	LVBNA-200P	0 to 200 PSI/0 to 1400 kPa	**8.00**
IA288	LVBNA-300P	0 to 300 PSI/0 to 2100 kPa	**8.00**
IA289	LVBNA-400P	0 to 400 PSI/0 to 2800 kPa	**8.00**
IA290	LVBNA-600P	0 to 600 PSI/0 to 4200 kPa	**8.00**
IA291	LVBNA-1000P	0 to 1000 PSI/0 to 7000 kPa	**8.00**

PRESSURE GAUGES

- Stamped aluminum 2.5" diameter dial
- Polished stainless steel case
- Glass lens, pressed bezel
- Bronze tube and brass socket with brass movement
- 1/4" male NPT connection, bottom or back
- 1.6 % accuracy
- Glycerine fill provides a dampening effect which minimises pulsations; continuously lubricates gauge movement; and makes this gauge ideally suited for adverse environments

IA297





REED

Bottom Conn. Model No.	Mfg. No.	Price /Each	Back Conn. Model No.	Mfg. No.	Price /Each	Compound Scale Dial Ranges
IA292	AVNC-30HG	**20.00**	**IA309**	AHNC-30HG	**25.00**	30" Hg-0" Vac.
IA293	AVNC-30	**20.00**	**IA310**	AHNC-30	**25.00**	30" Hg-0-30 PSI
IA294	AVNC-15P	**20.00**	**HX508**	AHNC-15P	**25.00**	0-15 PSI/0-100 kPa
IA295	AVNC-30P	**20.00**	**IA312**	AHNC-30P	**25.00**	0-30 PSI/ 0-200 kPa
IA296	AVNC-60P	**20.00**	**IA313**	AHNC-60P	**25.00**	0-60 PSI/0-400 kPa
IA297	AVNC-100P	**20.00**	**IA314**	AHNC-100P	**25.00**	0-100 PSI/0-700 kPa
IA298	AVNC-160P	**20.00**	**IA315**	AHNC-160P	**25.00**	0-160 PSI/0-1100 kPa
IA299	AVNC-200P	**20.00**	**IA316**	AHNC-200P	**25.00**	0-200 PSI/0-1400 kPa
IA300	AVNC-300P	**20.00**	**IA317**	AHNC-300P	**25.00**	0-300 PSI/0-2100 kPa
IA301	AVNC-400P	**20.00**	**IA318**	AHNC-400P	**25.00**	0-400 PSI/0-2800 kPa
IA302	AVNC-600P	**20.00**	**IA319**	AHNC-600P	**25.00**	0-600 PSI/0-4200 kPa
IA303	AVNC-1000P	**20.00**	**IA320**	AHNC-1000P	**25.00**	0-1000 PSI/0-7000 kPa
IA304	AVNC-1500P	**20.00**	**IA321**	AHNC-1500P	**25.00**	0-1500 PSI/0-10,500 kPa
IA305	AVNC-2000P	**20.00**	**IA322**	AHNC-2000P	**25.00**	0-2000 PSI/0-14,000 kPa
IA306	AVNC-3000P	**20.00**	**IA323**	AHNC-3000P	**25.00**	0-3000 PSI/0-21,000 kPa
IA307	AVNC-5000P	**20.00**	**IA324**	AHNC-5000P	**25.00**	0-5000 PSI/0-35,000 kPa
IA308	AVNC-6000P	**20.00**	**IA325**	AHNC-6000P	**25.00**	0-6000 PSI/0-42,000 kPa

DIGITAL PRESSURE GAUGES

- ±0.5% full scale accuracy
- 4-digit digital display eliminates parallax errors
- Battery powered with auto-shut off
- 2000-hour battery life
- 4-button key pad allows easy access to features
- Peak and Valley function
- Tare or auto zero
- Selectable engineering units
- Display backlight

IA383

SPECIFICATIONS:

Service: Liquids and compatible gases
Wetted Materials: 316L SS
Accuracy: 0.50% f.s. ± 1 LSD @ 32 to 130°F; ± 2% f.s. @ 10°F; ± 5% f.s. @ 0°F
Pressure Limits: 2000 PSI (**IA431**); 7500 PSI (**IA383**)
Temp. Limits: 0 to 130°F (-18 to 55°C)
Thermal Effect: 70-130°F: 0.016%/°F; 32-70°F: 0.026%/°F; 10-32°F: 0.09%/°F; 0 -10°F: 0.50%/°F
Power Supply: (2) "AAA" batteries
Process Connection: 1/4" male NPT
Dimensions: 3.00" O.D. x 1.90" deep
Weight: 8.8 oz (275 g)

Model No.	Mfg. No.	Description	Price/Each
IA431	DPG-009	Digital Pressure Gauge, 1000 PSI	327.00
IA383	DPG-011	Digital Pressure Gauge, 5000 PSI	327.00

DIGITAL PRESSURE GAUGES

- Economical, digital pressure gauge for compatible liquids
- Selectable engineering units
- 1% accuracy

IA430

SPECIFICATIONS:

Service: Compatible liquids and gases
Accuracy: ± 1.0% f.s. (includes linearity, hysteresis, repeatability)
Temperature Limits: 30 to 120°F (-1 to 49°C)
Thermal Effect: 0.05% f.s/°F
Pressure Limits: 2X pressure range. Vacuum range max. pressure is 30 PSIG
Process Connection: 1/4" male NPT
Housing Materials: ABS plastic
Wetted Materials: 316 SS
Display: 4-digit LCD
Power Supply: 9 V alkaline battery (included)
Dimensions: 2.62" O.D. x 1.52" deep
Weight: 5.6 oz (160 g)

Model No.	Mfg. No.	Description	Price/Each
IA430	DPGW-08	Digital Pressure Gauge, 100 PSI	142.00
IA428	DPGW-09	Digital Pressure Gauge, 200 PSI	163.00
IA429	DPGW-11	Digital Pressure Gauge, 500 PSI	163.00

DIGITAL PRESSURE GAUGES

- Economical, digital pressure gauge for air and compatible gases
- Selectable engineering units
- 1% accuracy

IA425

SPECIFICATIONS:

Service: Air and compatible gases
Accuracy: ± 1.0% f.s. (includes linearity, hysteresis, repeatability)
Temperature Limits: 30 to 120°F (-1 to 49°C)
Thermal Effect: 0.05% f.s/°F
Pressure Limits: 2X pressure range; vacuum range max. pressure is 30 PSIG
Process Connection: 1/4" male NPT
Housing Materials: ABS plastic
Wetted Materials: 316 SS, silicone sensor
Display: 4-digit LCD
Power Supply: 9 V alkaline battery (included)
Dimensions: 2.62" O.D. x 1.52" deep
Weight: 5.6 oz (160 g)

Model No.	Mfg. No.	Description	Price/Each
IA425	DPGA-00	Digital Pressure Gauge, 30" Hg VAC	108.00
IA426	DPGA-06	Digital Pressure Gauge, 30 PSI	101.00
IA378	DPGA-08	Digital Pressure Gauge, 100 PSI	101.00
IA427	DPGA-10	Digital Pressure Gauge, 300 PSI	108.00

DIGITAL PRESSURE GAUGES

- High ±0.25% full scale accuracy
- 4-digit digital display eliminates parallax errors
- Battery powered with auto-shut off
- 2000-hour battery life
- 4-button key pad allows easy access to features
- Peak and valley function
- Tare or auto zero
- Selectable engineering units
- Display backlight
- Liquids and non-combustible compatible gases
- Wetted materials constructed of 316SS
- 1/4" male NPT process connection
- CE, FM approved to be intrinsically safe for Class I, Div. I, Groups A, B, C and D, for ranges up to 3000 PSI

THZ294

Model No.	Mfg. No.	Description	Price/Each
THZ291	DPG-102	Digital Pressure Gauge, 15 PSI	364.00
THZ292	DPG-103	Digital Pressure Gauge, 30 PSI	340.00
THZ293	DPG-104	Digital Pressure Gauge, 50 PSI	364.00
THZ294	DPG-105	Digital Pressure Gauge, 100 PSI	340.00
THZ295	DPG-106	Digital Pressure Gauge, 200 PSI	340.00
THZ296	DPG-107	Digital Pressure Gauge, 300 PSI	364.00
THZ297	DPG-108	Digital Pressure Gauge, 500 PSI	340.00
THZ298	DPG-109	Digital Pressure Gauge, 1000 PSI	340.00
THZ299	DPG-110	Digital Pressure Gauge, 3000 PSI	340.00
THZ300	DPG-111	Digital Pressure Gauge, 5000 PSI	340.00

IN-LINE FLOW METERS

- Features a unique variable-area metering design, with a spring-retained moveable piston
- Can be installed quickly in any position form vertical to horizontal, without costly flow straighteners or other special plumbing requirements
- Constructed of polysulfone and stainless steel for greater tolerance to pressure and temperature as well as chemical compatibility
- Calibrated in gpm and lpm
- 1" NPT threaded port

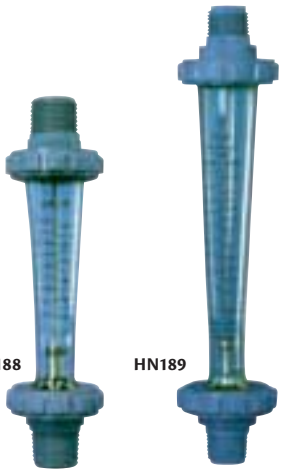
Model No.	Mfg. No.	Flow Range	Medium	Price/Each
HC969	621-004	0.5 - 4 gpm	Water	81.00
HC970	621-010	1 - 10 gpm	Water	81.00
HC971	621-016	1 - 16 gpm	Water	81.00
HC972	621-028	4 - 28 gpm	Water	81.00
HC973	621-104	0.5 - 4 gpm	Oil	81.00
HC974	621-110	1 - 10 gpm	Oil	81.00
HC975	621-116	1 - 16 gpm	Oil	81.00
HC976	621-128	4 - 28 gpm	Oil	81.00

HC971

R29274E

IN-LINE FLOW METER

- Polysulfone meter body and adapters, stainless steel float guide, *Viton* O-ring seals, and floats of #316 stainless steel, PVC or *Teflon*[MD]/*Noryl* (depending on calibration)
- Both flowmeters may be ordered with brass sweat or brass threaded adapters
- Both units are also available *Specially Equipped* with *Hastelloy C* float guides and floats of either *Hastelloy C*, *Teflon*[MD] or PVC (depending on calibration)



BLUE-WHITE INDUSTRIES

Model No.	Mfg. No.	Adapter Size	Range GPM	Range LPM	Float Material	Price /Each
HN181	F-44250LH-8	1/2" MPT	0.025-0.250	0.1-1.0	PVC	100.00
HN182	F-44375LH-8	1/2" MPT	0.1-1.0	0.4-4.0	316SS	100.00
HN183	F-44376LH-8	1/2" MPT	0.2-2.0	0.75-7.5	316SS	100.00
HN184	F-44500LH-8	1/2" MPT	0.5-5.0	1.8-18	316SS	100.00
HN185	F-44750LH-12	3/4" MPT	1.0-10	5.0-37.5	316SS	115.00
HN186	F-45375LHN-6	3/8" MPT	0.1-1.0	0.4-4.0	*Noryl/Teflon®*	105.00
HN187	F-45375LHN-8	1-2" MPT	0.1-1.0	0.4-4.0	*Noryl/Teflon®*	105.00
HN188	F-45736LHN-6	3/8" MPT	0.2-2.0	0.75-7.5	316SS	105.00
HN189	F-45736LHN-8	1/2" MPT	0.2-2.0	0.75-7.5	316SS	105.00
HN190	F-45500LHN-6	3/8" MPT	0.5-5.0	1.8-18	316SS	105.00
HN191	F-45500LHN-8	1/2" MPT	0.5-5.0	1.8-18	316SS	105.00
HN192	F-45500LHN-12	3/4" MPT	0.5-5.0	1.8-18	316SS	105.00
HN193	F-45750LHN-12	3/4" MPT	1.0-10	0.4-40	316SS	122.00

IN-LINE FLOW METER

- Equipped with half union adapter connections which greatly facilitate both installation and maintenance
- One-piece meter body of heat and chemical resistant polysulfone
- Precision textured light admitting surface on the rear of the meter body diffuses ambient light and creates a softly illuminated background which enhances meter readability
- Stainless steel float guide and float, 1" FPT polysulfone adapters, and *Viton* O-ring seals

BLUE-WHITE INDUSTRIES

Model No.	Mfg. No.	Adapter Size	Range GPM	Range LPM	Float Material	Price /Each
HN194	F-451006LHN	1" FPT	0.5-6.0	-	*Teflon®*	348.00
HN195	F-451001LHN	1" FPT	0.1-10	3.0-38	316SS	370.00
HN196	F-451002LHN	1" FPT	2.0-20	7.5-75	316SS	389.00
HN197	F-451003LHN	1" FPT	3.0-30	12-115	316SS	426.00
HN198	F-451004LHN	1" FPT	4.0-40	15-155	316SS	447.00
HN199	F-451002GHN	1" FPT	8-80 SCFM	-	316SS	389.00
HN200	F-451006LHKN	1" FPT	0.5-6.0	-	*Teflon®*	634.00
HN201	F-451001LHKN	1" FPT	1.0-10	3.0-38	*Hastelloy*	634.00
HN202	F-451002LHKN	1" FPT	2.0-20	7.5-75	*Hastelloy*	682.00
HN203	F-451003LHKN	1" FPT	3.0-30	12-115	*Hastelloy*	731.00
HN204	F-451004LHKN	1" FPT	4.0-40	15-155	*Hastelloy*	803.00

IN-LINE FLOW METER

- Cut and precision machined from solid, clear acrylic plastic bodies that permit complete visual inspection. Tapered bore is precision machined to a smooth surface that also provides perfect visibility of the indicating float
- **VFA** and **VFB** models are available with either brass or stainless steel inlet and outlet connections and are tapped for 1/8" NPT thread
- **VFC** models are provided with PVC connections tapped for 1" NPT thread
- All models have *Buna-N* O-ring seals for leak proof connections for maximum installation versatility
- All **VFA** and **VFB** models are supplied with a standard brass metering valve, stainless steel valves are available upon request
- **VFC** models, intended for use with external metering valves, are equipped with a large diameter stainless steel guide rod and a specially designed stainless steel float to provide excellent float stability at the high flow ranges
- 100 PSI maximum pressure rating
- **VFA** and **VFB** models have a maximum temperature rating of 150°F
- **VFC** models have a maximum temperature rating of 120°F

Dwyer

Model No.	Mfg. No.	Range	Price/Each
MODEL VFA - 2" SCALE			
HL138	VFA-1-BV	0.1-1 scfh Air	74.00
HL150	VFA-2-BV	0.2-2 scfh Air	69.00
HL246	VFA-3-BV	0.6-5 scfh Air	77.00
HL294	VFA-4-BV	1-10 scfh Air	65.00
HL354	VFA-5-BV	2-20 scfh Air	70.00
HL366	VFA-6-BV	4-30 scfh Air	74.00
HL378	VFA-7-BV	5-50 scfh Air	69.00
HL390	VFA-8-BV	10-100 scfh Air	74.00
HL402	VFA-9-BV	20-200 scfh Air	74.00
HL162	VFA-21-BV	0.06-0.5 lpm Air	74.00
HL174	VFA-22-BV	0.15-1 lpm Air	74.00
HL186	VFA-23-BV	0.6-5 lpm Air	74.00
HL198	VFA-24-BV	1-10 lpm Air	74.00
HL210	VFA-25-BV	3-25 lpm Air	74.00
HL222	VFA-26-BV	6-50 lpm Air	74.00
HL234	VFA-27-BV	10-100 lpm Air	74.00
HL258	VFA-32-BV	6-50 cc/min H_2O	74.00
HL270	VFA-33-BV	10-100 cc/min H_2O	74.00
HL282	VFA-34-BV	20-200 cc/min H_2O	74.00
HL306	VFA-41-BV	0.6-5 gph H_2O	74.00
HL318	VFA-42-BV	2-10 gph H_2O	74.00
HL330	VFA-43-BV	3-20 gph H_2O	74.00
HL342	VFA-44-BV	8-40 gph H_2O	74.00
MODEL VFB - 4" SCALE			
HL415	VFB-50-BV	0.3-3 scfh Air	99.00
HL668	VFB-91-BV	1-10 scfh Air	99.00
HL427	VFB-51-BV	2-20 scfh Air	99.00
HL439	VFB-52-BV	4-40 scfh Air	99.00
HL451	VFB-53-BV	10-100 scfh Air	99.00
HL463	VFB-54-BV	15-150 scfh Air	99.00
HL475	VFB-55-BV	20-200 scfh Air	99.00
HL656	VFB-90-BV	0.3-3 scfm Air	99.00
HL487	VFB-60-BV	100-1000 cc/min Air	99.00
HL499	VFB-65-BV	0.2-4 lpm Air	99.00
HL511	VFB-66-BV	1-10 lpm Air	99.00
HL523	VFB-67-BV	2-20 lpm Air	99.00
HL535	VFB-68-BV	3-30 lpm Air	99.00
HL547	VFB-69-BV	4-40 lpm Air	99.00
HL583	VFB-82-BV	2-30 cc/min H_2O	99.00
HL559	VFB-80-BV	0.5-12 gph H_2O	99.00
HL595	VFB-83-BV	1-20 gph H_2O	99.00
HL571	VFB-81-BV	6-60 gph H_2O	99.00
MODEL VFC - 2" SCALE (NO VALVE)			
HL679	VFC-121	2.5-25 scfm Air	194.00
HL681	VFC-122	5-50 scfm Air	194.00
HL683	VFC-123	10-100 scfm Air	194.00
HL685	VFC-131	60-700 lpm Air	194.00
HL687	VFC-132	200-1400 lpm Air	194.00
HL689	VFC-133	300-2800 lpm Air	194.00
MODEL VFC - 5" SCALE (NO VALVE)			
HL691	VFC-141	0.5-5 gpm H_2O	194.00
HL693	VFC-142	1-10 gpm H_2O	194.00
HL695	VFC-143	2-20 gpm H_2O	194.00
HL699	VFC-152	4-40 lpm H_2O	194.00
HL701	VFC-153	10-75 lpm H_2O	194.00

R25336E

LEVEL SWITCHES

- Hermetically sealed reed switch contacts are actuated by magnets bonded inside the float
- Change from normally open (N.O.) to normally closed (N.C.) contacts in 10 seconds or less by reversing the orientation of the float on the stem
- Switch contact ratings are suitable for direct connection to most solid state control systems and alarm/monitoring devices
- Simple relay interfaces can be employed for higher current control applications
- Switch mounts easily at the top, bottom or intermediate levels in tanks and vessels
- Mounts directly in a 1/8" NPT fitting for interior mounting
- Where exterior mounting or access is required, special adapters are available as option
- To mount at intermediate levels, combine fittings shown with any length of pipe
- Vertical mounting is recommended (not to exceed 30° from vertical)
- Electrical Ratings:
  Model **HF660** and **HF661**: AC - 25 VA, 1.0 A, 200 V; DC - 10W, 1.0 A, 200 V;
  Model **HF659** and **HF658**: AC - 30W, 0.14 A, 220 V; DC - 0.28 A, 24 V, 0.07 A, 120 V

HF660

Model No.	Mfg. No.	Float Material	Stem Material	Max. Temp.	Max. Pressure	Min. Sp. Gr.	Deadband	Price /Each
HF660	F7-SB	Buna-N and epoxy	316SS	220°F (105°C)	150 PSIG (10 bar)	0.60	1/16" (2 mm)	**69.00**
HF661	F7-SS2	316SS	316SS	300°F (149°C)	450 PSIG (31 bar)	0.75	1/16" (2 mm)	**69.00**
HF659	F7-PP	Polypropylene and epoxy	Polypropylene	220°F (105°C)	100 PSIG (6.9 bar)	0.60	1/8" (4 mm)	**24.00**
HF658	F7-BT	Buna-N and epoxy	Polybutylene Terephthalate	220°F (105°C)	150 PSIG (10 bar)	0.45	1/8" (4 mm)	**22.00**

LIQUID LEVEL SWITCHES

- Machined from brass or stainless steel bar stock, the body is leak proof, eliminating the possibility of the process media entering the switch housing
- Float level pivots within the body when the process liquid displaces the solid polypropylene or stainless steel float
- Magnet on the opposite end of the float level controls a second magnet on the switch actuating lever located in the switch housing
- Maintenance is easy since the electrical assembly can be removed for inspection or replacement without removing the entire switch
- Stainless steel float lever arm and polypropylene or stainless steel float are compatible with most process fluids
- Sensitive to level changes of less than 1/2" (12 mm)
- UL/CSA listed for explosion-proof service - Class I, Groups A, B, C & D and Class II, Groups E, F & G
- CSA model furnished with optional junction box
- Temperature Limits: 220°F (105°C) max.
- Electrical Rating: One (or two) SPDT snap action micro-switch. 5 A, 125/250 VAC
- Piping Connection: 1" NPT
- Installation: Horizontal with index arrow pointing down

THZ274

THZ280

Model No.	Mfg. No.	Body	Installation	Float	Pressure Rating	Min. Sp. Gr.	Price/Each
THZ272	L6EPB-B-S-3-0-CSAW	Brass	Sidewall mounting	Solid polypropylene	1000 PSI (70 kg/cm²)	0.9	**236.00**
THZ273	L6EPB-B-S-3-A-CSAW	Brass	Sidewall mounting	Stainless steel - cylindrical	200 PSI (14 kg/cm²)	0.5	**272.00**
THZ275	L6EPB-B-S-3-C	Brass	Sidewall mounting	Stainless steel - round	350 PSI (25 kg/cm²)	0.7	**289.00**
THZ274	L6EPB-B-S-3-B	Brass	External float chamber	Solid polypropylene	250 PSI (18 kg/cm²)	0.9	**294.00**
THZ276	L6EPB-B-S-3-H	Brass	External float chamber	Stainless steel - round	250 PSI (18 kg/cm²)	0.7	**333.00**
THZ280	L6EPB-S-S-3-0-CSA	Stainless steel	Sidewall mounting	Solid polypropylene	2000 PSI (140 kg/cm²)	0.9	**302.00**
THZ277	L6EPB-S-S-3-A-CSAW	Stainless steel	Sidewall mounting	Stainless steel - cylindrical	200 PSI (14 kg/cm²)	0.5	**347.00**
THZ278	L6EPB-S-S-3-C-CSA	Stainless steel	Sidewall mounting	Stainless steel - round	350 PSI (25 kg/cm²)	0.7	**360.00**
THZ281	L6EPB-S-S-3-S-CSA	Stainless steel	External float chamber	Solid polypropylene	2000 PSI (140 kg/cm²)	0.9	**437.00**
THZ279	L6EPB-S-S-3-L	Stainless steel	External float chamber	Stainless steel - round	350 PSI (25 kg/cm²)	0.7	**475.00**

CABLE FLOAT SWITCHES

- Control the level of liquids in filling or draining reservoirs and tanks
- Mercury-free switch is designed with an inverter microswitch housed in a polypropylene cover
- Unit includes a counterweight to adjust the stop and start levels of pump up/pump down application
- SPST switch, 10 A @ 250 VAC resistive
- NEMA4 (IP68) enclosure rating
- Mounts vertically

THZ266

Model No.	Mfg. No.	Description	Price/Each
THZ266	CFS-2	Cable Float Switch, 2 m (6.5') cable	**50.00**
THZ265	CFS-10	Cable Float Switch, 10 m (32.8') cable	**94.00**

LEVEL SWITCHES

- Dual level switch designed for filling and draining tanks, wells, and reservoirs
- Shape and interior balance weight ensure impurities and dirt will not adhere to the surface, making it ideal for sewage and waste water applications
- Mercury-free switch is designed with an inverter microswitch housed in a polypropylene cover
- SPST switch, 10 A @ 250 VAC resistive
- NEMA4 (IP68) enclosure rating
- Mounts vertically

THZ271

Model No.	Mfg. No.	Description	Price/Each
THZ271	FSW-6	Free-Floating Level Switch, 6 m (19.5') cable	**176.00**
THZ269	FSW-15	Free-Floating Level Switch, 15 m (49') cable	**231.00**
THZ270	FSW-30	Free-Floating Level Switch, 30 m (98') cable	**328.00**

R29275E

FLOW SWITCHES

- Operates automatically to protect equipment and pipe-line systems against damage from reduction or loss of flow
- Universal multi-layer vane accommodates pipe sizes from 1-1/2" up to 20"
- Custom vanes are available with factory calibration
- Free swinging vane attracts a magnet within the solid metal switch body, actuating a snap switch by means of a simple lever arm
- No bellows, springs or seals to fail
- Simplicity of design and a leak-proof switch body eliminates the possibility of process fluid entering the switch compartment
- Threaded conduit enclosure cover permits easy inspection or replacement of electrical assembly without shutting down the process, or removing electrical conduit
- Unit fits directly into pipeline tee, thredolet or flange for easy installation
- Pendulum-like vane action responds accurately to fluid flow rate
- Custom vane or multi-layer vane is sensitive to low velocity flows, yet is rugged enough to withstand high flow surges
- Optional delay timer can be wired into the installation
- All units are explosion proof and listed UL and CSA for Class I, Groups C and D, Class II, Groups E, F, and G
- Switch body is one-piece milled and bored brass or 316SS
- Brass models rated for pressures up to 1000 PSIG, stainless steel models rated for pressures up to 2000 PSIG

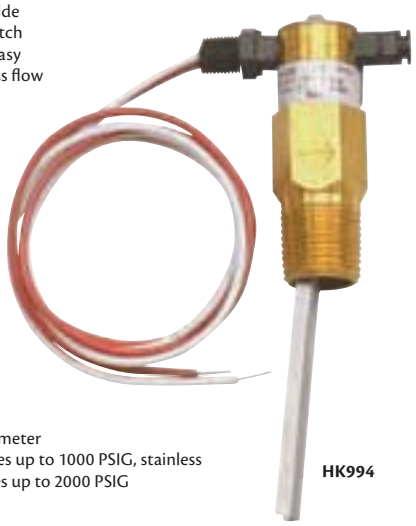
HK996

Dwyer

Model No.	Mfg. No.	Description	Price/Each
HK996	V4-2-U	Universal Vane Flow Switch, Brass	**434.00**
HL003	V4-SS-2-U	Universal Vane Flow Switch, Stainless Steel	**626.00**

FLOW SWITCHES

- Designed to provide an inexpensive, reliable unit to monitor the presence or absence of flow in a system
- Rugged, hermetically sealed reed switch is encapsulated in a polypropylene switch housing that fits into a standard heavy duty leak proof brass body or optional 303 stainless steel body
- Patented switch adjustment allows the user to change the switch to normally open (NO) or normally closed (NC) in the field merely by loosening two screws
- Switch housing is located outside the process media, making switch change-over or maintenance easy without interruption of process flow
- Wetted materials of brass, stainless steel and ceramic 8 magnet provide excellent chemical resistance and compatibility
- Full size, trimmable stainless steel vane is provided with a removable laminated template
- Template is calibrated for brass or ductile iron reducing tees and forged steel straight tee/bushing combinations
- Allows for field installation in pipelines from 1/2" to 2" diameter
- Brass models rated for pressures up to 1000 PSIG, stainless steel models rated for pressures up to 2000 PSIG



HK994

Dwyer

Model No.	Mfg. No.	Description	Price/Each
HK994	V10	Mini-size Flow Switch, Brass	**67.00**
HM508	V10SS	Mini-size Flow Switch, Stainless Steel	**91.00**

FLOW SWITCH

- Industrial control switch suitable for mounting in a protected environment
- When flow stops, the vane spring moves the vane, actuating a single pole double throw switch rated at 5 A 120/250 VAC to start or stop motor, pump, engine, etc.
- Leak proof body and vane constructed of tough durable polyphenylene sulfide (equivalent to *Ryton*®) which has excellent chemical resistance
- Full size trimmable vane is provided with moulded-in graduations allowing for installation in a 1" through 6" pipe
- Operating pressures are up to 150 PSIG (10 Bar) and temperatures to 212 °F (100 °C)

Dwyer

Model No.	Mfg. No.	Description	Price/Each
HL135	V8	Flotect Flow Switch	**72.00**

AIR FLOW SWITCH

- Rugged, die-cast aluminum body, zinc plated with chemical conversion coating for corrosion protection, stainless steel vane and silicone rubber gasket
- SPDT snap switch
- Unit is easily field adjustable from 400 to 1600 fpm
- Mounting is fast and simple, requiring only two screws
- Vane fits 6" or larger ducts
- UL and CSA listed
- For use only with air or non-combustible, non-corrosive gases. Unit is not sealed against dust.

Dwyer

Model No.	Mfg. No.	Description	Price/Each
HC607	530	Air Flow Switch	**127.00**

R25339E

PH PEN

- Dual displays of temperature and pH
- Display tilted at a 45° angle for increased readability
- Data hold, Max/Min, Record
- Automatic temperature compensation assures that readings are corrected for temperature offsets
- One touch calibration
- Calibration up to 3 points (pH 4.01, 7.01, 10.01)
- No tools or trimmers needed for calibration
- Replaceable pH electrode module
- Durable, waterproof housing (IP67)
- Low battery indicator
- Auto power off after 20 minutes of inactivity
- Protective cap with pocket clip
- pH range: 0.00 to 14.00 pH

REED

Model No.	Mfg. No.	Description	Price/Each
IA035	8690	Digital pH Pen	89.00

REFRACTOMETERS

BRIX REFRACTOMETERS

The Brix refractometer shows the concentration percentage of the soluble solids content (Total solids) of a sample (water solution). The soluble solids content is the total of all the solids dissolved in the water - beginning with sugar, salts, protein, acids, etc. and the measurement reading value is the value of the sum total of those. Essentially Brix% is calibrated to the number of grams of cane sugar contained in 100 g of cane sugar solution. So, when measuring a sugar solution, the Brix% should perfectly match the actual concentration.

HX351

REED

Model No.	Mfg. No.	BRIX Range	Min. Div.	Accuracy	Price/Each
HX351	MT-010 ATC	0 - 10 %	0.1 %	±0.01 %	139.00
HX352	MT-018	0 - 18 %	0.2 %	±0.15 %	119.00
HX107	MT-032	0 - 32 %	0.2 %	±0.2 %	119.00
HX353	MT-062	28 - 62 %	0.2 %	±0.2 %	119.00
HX354	MT-082	45 - 82 %	0.5 %	±0.3 %	119.00
HX355	MT-090	58 - 90 %	1.0 %	±0.5 %	119.00

SALINITY REFRACTOMETERS

Salinity refractometers are useful for measuring the concentration of natural or artificial seawater in aquariums, holding tanks, and breeding ponds. They can also be used for controlling the saltwater concentration when preparing pickles, measuring the concentration of saltwater used in rinsing and cooking sea products.

HX356

REED

Model No.	Mfg. No.	Range	Min. Div.	Accuracy	Price/Each
HX356	MT-110 ATC	0-100 ppt Na	1.0 ppt	± 1.0 ppt	139.00
		1.000-1.070 sp.gr.	0.001	±0.001	
HX668	MT-128	0 - 28 %	0.2 %	±0.2 %	352.34

BATTERY COOLANT CHECKER

It is essential to know the concentration and freezing point of anti-freeze coolants for vehicular safety. Keeping a suitable concentration of coolant prevents engine trouble and possible radiator corrosion. This tester monitors the freezing point of both ethylene glycol and propylene glycol; in addition, it indicates battery recharge level. This tester is simple to use; requiring only a few drops to provide accurate readings within seconds. It is virtually indispensable for gas stations, service shops, cab companies, etc.

HX093

REED

Model No.	Mfg. No.	Coolant	Range	Min. Div.	Price/Each
HX093	MT-777	Propylene Glycol	-50 to 32 °F	10 °F	139.00
		Ethylene Glycol	-50 to 32 °F	10 °F	

VISCOSITY CUP

- Determine the flow time of paints, coatings, enamels, oils and other similar liquids
- Conically shaped steel cup delivers 44 cc's of liquid sample through a precision orifice
- Twelve-inch looped stainless steel handle allows the cup to be dipped by hand into a liquid container
- Stainless steel split key ring at top of handle for aligning cup in a true vertical position when conducting tests
- **Cup No. 1**: Generally used for very thin mixtures where low solids application is desired
- **Cup No. 2**: Primarily used for all mixed paints which have been reduced with solvent for application. Used by the automotive and similar industries
- **Cup No. 3/Cup No. 4**: Used for higher solids application where extra heavy films are desired
- **Cup No. 5**: Generally used for checking the viscosity of unthinned paints prior to reduction with solvent

GARDCO

HB787

Model No.	Mfg. No.	Description	Orifice Size	Range	Price/Each
HB787	VI-2101	Viscosity Cup No. 1	0.078"	31-60 sec.	254.00
HB788	VI-2102	Viscosity Cup No. 2	0.108"	19-60 sec.	254.00
HB789	VI-2103	Viscosity Cup No. 3	0.146"	13-60 sec.	254.00
HB790	VI-2104	Viscosity Cup No. 4	0.168"	12-60 sec.	254.00
HB791	VI-2105	Viscosity Cup No. 5	0.208"	10-60 sec.	254.00

PH/ORP METER

- Large, easy-to-read LCD display
- Water resistant front panel
- Data Hold function
- Sample Time: 0.4 second

MODEL HX332

- pH Range/Resolution: 0 to 14 pH/ 0.01 pH
- pH electrode must be ordered separately (see below for options)

MODEL HX335

- Range: -1999 mV to +1999 mV
- Probe included

HX332

REED

Model No.	Mfg. No.	Description	Price/Each
HX332	YK-21PH	General Purpose pH Meter	120.00
HX335	YK-23RP	ORP Meter	120.00

Model No.	Mfg. No.	Description	Range	Size	Price/Each
HX295	PE-01	Epoxy pH Electrode	0-14 pH	9.5 mm dia. x 130 mm	119.00
HX296	PE-03	Epoxy pH Electrode	0-13 pH	12.3 mm dia. x 160 mm	59.00
HX297	PE-11	Epoxy pH Electrode	0-13 pH	10.0 mm dia. x 130 mm	79.00

WATER QUALITY TESTER

- Large LCD display
- Automatic temperature compensation from 0° to 50 °C
- Sampling Rate: 0.4 second
- Data Hold function
- Probe included

MODEL HX336

- Checks the condition of water filters
- Measurement Range: 0 to 1999 µS

MODEL HX337

- Measurement Range: 0 to 10 % salt

HX336

HX337

REED

Model No.	Mfg. No.	Description	Price/Each
HX336	YK-30WA	Pure Water Tester	195.00
HX337	YK-31SA	Salt Meter	250.00

R25341E

PRICING

The prices shown in this catalogue are for "REFERENCE AND BUDGET PURPOSES ONLY" as of July 12, 2010, and should be used exclusively as a guide-line.

Freight charges and applicable taxes (GST, PST & HST) are extra.

In the event of a pricing or typographical error, we reserve the right to charge the correct price without prior notice. We also reserve the right to modify prices based on changing manufacturer and economic conditions.

SPECIAL ORDERS

This catalogue represents only a portion of the products that are available to you. If you can't find what you need, please call us!

MULTIMETERS

CALIBRATORS

THERMOMETERS

ELECTRICAL TESTERS

AIR VELOCITY METERS

TACHOMETERS

HYGROMETERS

LIGHT & SOUND METERS

CLAMP METERS

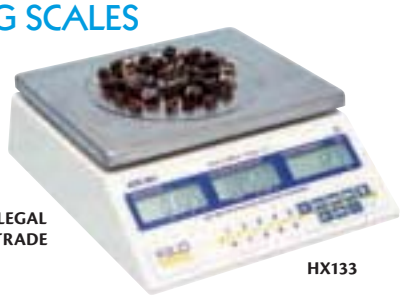
MISCELLANEOUS

REED PRECISION INSTRUMENTS FOR SAFETY & MAINTENANCE

SCALES

DIGITAL COUNTING SCALES

- Used for counting and quality checking
- High accuracy load cell
- Long life rechargeable battery
- 1/30,000 counting resolution
- Tare function
- Quantity set alarm



NOT LEGAL FOR TRADE

HX133

KILOTECH

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
HX133	KCS-301-30KG	66 lbs/30 kg	0.002 lbs/1 g	**445.00**
IA590	KCS-301-15KG	33 lbs/15 kg	0.001 lbs/0.5 g	**470.00**

ELECTRONIC DIGITAL WEIGHING SCALES

- Suitable for a wide range of applications
- Four weighing modes: g, kg, lbs. and oz.
- Removable stainless steel platform
- Large LCD display (15/16"/25 mm)
- Battery or AC adapter operated (included)
- ABS enclosure

HN278

AVAILABLE LEGAL FOR TRADE

KILOTECH

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
NOT LEGAL FOR TRADE				
HX142	SW5	5 lbs/2 kg	0.002 lbs/1 g	**361.00**
HX143	SW10	10 lbs/5 kg	0.005 lbs/2 g	**361.00**
HX144	SW20	20 lbs/10 kg	0.01 lbs/5 g	**361.00**
HX145	SW50	50 lbs/20 kg	0.02 lbs/10 g	**361.00**
LEGAL FOR TRADE				
HX052	SW5	5 lbs/2 kg	0.002 lbs/1 g	**446.00**
HN278	SW10	10 lbs/5 kg	0.005 lbs/2 g	**446.00**
HN279	SW20	20 lbs/10 kg	0.01 lbs/5 g	**446.00**
HN280	SW50	50 lbs/20 kg	0.02 lbs/10 g	**446.00**

WEIGHING SCALES

- Ideal for high humidity and dusty work environment
- Large stainless steel platform is removable for easy cleaning
- Convenient displays on front and rear of the scale allow use from both sides of the worktable
- Meets IP66 (dust tight and protected against a strong water jet) standards

FEATURES:

- Large LCD type display with backlight
- ABS enclosure
- Water and dust resistant
- Secondary counting function
- 4 direct keys: Zero, tare, units/counting, on/off
- 4 weight modes: g, kg, oz, lb
- A/C power or rechargeable battery (not included)
- Dimensions: 9" W x 9.5" D x 5.75" H

PE129

NOT LEGAL FOR TRADE

KILOTECH

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
PE126	KWD-500-5	5 lbs/2.5 kg	0.002 lbs/0.001 kg	**295.00**
PE127	KWD-500-10	10 lbs/5 kg	0.005 lbs/0.002 kg	**295.00**
PE128	KWD-500-20	20 lbs/10 kg	0.01 lbs/0.005 kg	**295.00**
PE129	KWD-500-50	50 lbs/20 kg	0.02 lbs/0.01 kg	**295.00**

COMPACT BENCH COUNTING SCALES

OHAUS MODEL EC SERIES

EC Series counting scales are economical and designed for fast, accurate operation. Ideally suited for annual inventories, parts rooms, rentals and other counting applications, with an internal counting resolution of 1:600,000. EC counting scales offer accuracy, durability and portability in one practical design.

FEATURES:

- Three-window, backlit LCD with fast display of weight, average piece weight (APW) and parts count
- Full counting keypad with numeric keys
- Pre-set tare and dedicated TARE and SAMPLE keys for fast operation
- Pound or gram weighing units
- 10 average piece weight memory locations for commonly-counted parts
- Accumulator function for weight and parts count
- Auto-optimisation feature recalculates APW constantly for enhanced parts counting accuracy
- 80-hour internal rechargeable battery with power-saving auto shut-off feature
- AC adaptor included
- Adjustable filtering level and auto-zero tracking for weighing in industrial condition
- Pan size: 11.6" x 8.9"

OHAUS

NOT LEGAL FOR TRADE

HX643

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
HX643	EC3	6 lbs/3000 g	0.0002 lbs/0.1 g	**660.00**
HX644	EC6	15 lbs/6000 g	0.0005 lbs/0.1 g	**660.00**
HX645	EC15	30 lbs/15,000 g	0.001 lbs/0.4 g	**660.00**
HX646	EC30	60 lbs/30,000 g	0.002 lbs/1 g	**660.00**

DIGITAL WEIGHING SCALE

- Ideal for packing functions and quality control
- Convenient tare feature
- Large LCD display
- Full digital calibration
- Auto zero tracking
- Weight accumulation feature

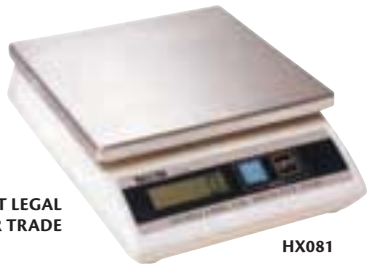
KILOTECH

NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
HX132	KWS-301	60 lbs/30 kg	0.002 lbs/1 g	**510.00**

PORTION CONTROL SCALES

- Large LCD display - 5/8" high
- Removable stainless steel platform
- Tare weighing function
- 800 hours of battery life
- 2 mode function kg and lbs.
- AC adaptor (included) or 4 AA batteries (not included)



NOT LEGAL FOR TRADE

HX081

TANITA

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
HX081	KD-200-110	35 oz/1000 g	0.05 oz/1 g	**128.00**
HX082	KD-200-210	70 oz/2000 g	0.1 oz/2 g	**128.00**
IA557	KD-200-510	176 oz/5000 g	0.2 oz/5 g	**128.00**

R25342E

COMPACT ELECTRONIC SCALES

- Displays results in g or combined lb:oz
- One-button operation,
- Full capacity tare
- LCD display
- Operates on 3 AAA batteries (included) or with an optional AC adapter
- Dimensions: 5.3" W x 7.6" D x 1.5" H
- 1-year warranty on parts and labour
- Weight: 1 lb.

NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
HN218	CS200	0 lb:7.05 oz/200 g	0.01 oz/0.1 g	**159.00**
HN219	CS2000	4 lb:6.55 oz/2000 g	0.05 oz/1.0 g	**159.00**
HN220	CS5000	11 lb:0.4 oz/5000 g	0.1 oz/2.0 g	**186.00**
HL853	90524-66	Optional AC Power Adapter		**48.00**

PORTABLE ELECTRONIC BALANCES

- *Scout Pro* is a portable balance designed to meet the most common weighing equipments
- Features a large LCD display
- Removable stainless steel pan
- Weight display in g, kg, oz., lbs., lb:oz.; and Troy ounce or pennyweight weight units for weighing precious materials
- Powered by 4 AA batteries (not included) or included AC adapter pack.
- Dimensions: 6.0" W x 6.3" D x 2.2" H. Weight: 1.8 lbs.
- 2-year warranty on parts and labour

MULTIPLE WEIGHING MODES:

- Parts counting
- % weighing
- Display hold for shipping applications

HX216

NOT LEGAL FOR TRADE

HM315

Model No.	Mfg. No.	Capacity (g)	Graduation (g)	Pan Size"	Price /Each
HX216*	SP202	200	0.01	4.7 diameter	**440.00**
HX217*	SP402	400	0.01	4.7 diameter	**733.00**
IA550*	SP602	600	0.01	4.7 diameter	**698.00**
HX218*	SP401	400	0.01	4.7 diameter	**246.00**
HM315*	SP601	600	0.1	5.5 x 6.5	**363.00**
IA551	SP2001	2000	0.1	5.5 x 6.5	**439.00**
IA552	SP4001	4000	0.1	5.5 x 6.5	**643.00**
IA553	SP6001	6000	0.1	5.5 x 6.5	**724.00**
IA554	SP6000	6000	0.1	5.5 x 6.5	**363.00**
HM065	76288-01	Security Device			**73.00**
HM316	77256-01	Carrying Case			**101.00**

*Span calibration mass included

PORTABLE ELECTRONIC POCKET SCALES

- *Ohaus* hand held scales ideal to take anywhere
- **HT148** model with basic weighing capabilities in grams
- **HT146** and **HT149** models with multiple weighing units
- Backlit display (**HT146** and **HT149** models)
- Protective snap on cover
- 1-year warranty on parts and labour
- Powered by 2 AAA batteries (included)
- Dimensions: 3.25" W x 5.35" D x 0.8" H
- Weight: 0.34 lb.

HT149

HT146

NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity (g)	Graduation (g)	Weighing Units	Price /Each
HT148	HH120D	0-60	0.1	g	**146.00**
		60-120	0.2	g	
HT146	HH120	120	0.1	g, oz, dwt, oz t	**192.00**
HT149	HH320	320	0.1	g, oz, dwt, oz t	**214.00**

R25343E

LOW PROFILE BENCH SCALES

The *ES Series* design makes this low profile scale perfect for shipping, receiving and general bench applications. Easy two-button operation and large display guarantees accurate and unmistakable results. The 3-way mounting bracket (included) allows you to mount the indicator to front of scale base, above the base, or to any vertical surface.

- Display weight in kg, lbs, oz. or combined lb:oz.
- Stainless steel weighing platform and epoxy painted steel frame
- AC or battery powered operation
- Includes: 3-way mounting bracket and AC adapter
- 1-year warranty on parts and labour.

NOT LEGAL FOR TRADE

Model No.	Mfg No.	Capacity lbs/kg/oz.	Readability lbs/g/oz.	Platform Dimensions L" x W" x H"	Price /Each
HN272	ES30R	66/30/1056	0.05/10/0.5	12.2 x 10.8 x 1.5	**684.00**
HN273	ES50R	110/50/1760	0.05/20/1	12.2 x 10.8 x 1.5	**684.00**
HN274	ES50L	110/50/1760	0.05/20/1	20.5 x 15.7 x 3	**736.00**
HN275	ES100L	220/100/3520	0.01/50/2	20.5 x 15.7 x 3	**759.00**
HN276*	ES200L	440/200/7040	0.02/100/5	20.5 x 15.7 x 3	**736.00**

* lb:oz. display not available on model HN276

DEFENDER™ 3000 PLATFORM SCALES

- Ideal for general weighing and simple counting applications in production, packaging, warehouse, inventory, shipping and receiving areas
- Ideal for bench and floor scale applications
- Indicator features a high-impact durable ABS housing with reversible rear cover for either wall, column or table-top mounting
- Large, backlit LCD display quickly displays results in a choice of multiple weighing units (lb, oz, combined lb:oz, kg or g)
- Parts counting mode with a minimum average piece weight of 1d, selectable sample sizes, and automatic retention of last sample size used and average piece weight data
- Built-in bidirectional RS232C for printing or connection to PC
- Includes an AC adapter and an internal rechargeable lead acid battery that lasts 100 hours between recharges
- Platform dimensions : 19.7" x 25.6" /500 mm x 650 mm

NOT LEGAL FOR TRADE

IA556

Model No.	Mfg. No.	Capacity	Graduation	Price /Each
IA555	D31P150BX	300 lbs/150 kg	0.05 lbs/0.02 kg	**893.00**
IA556	D31P300BX	600 lbs/300 kg	0.1 lbs/0.05 kg	**893.00**

DEFENDER™ 7000 SQUARE BENCH SCALES

- ABS plastic indicator with square painted steel base
- Advanced parts counting, dynamic animal weighing, percent weighing, display hold for large containers, check weighing, accumulation, lb, oz, ob:oz, g, kg, user-defined custom unit
- Full alphanumerical keypad, dual-line backlit LCD display and check weighing LEDs
- Includes second scale analog input for dual base operation
- Pressed square steel welded base design for rugged durability with painted column
- Includes: RS232 interface with GMP/GLP data output including date and time, and external analog base input
- Internal poser supply with universal line cord or 6 "C" batteries (80-hour battery life)

NOT LEGAL FOR TRADE

IA640

Model No.	Mfg. No.	Capacity lb/kg	Graduation lb/kg	Platform Dimensions L" x W" x H"	Price /Each
IA640	D71P10QR1	25/10	0.002/0.001	12 x 12 x 3.8	**1283.00**
IA641	D71P25QR1	50/25	0.005/0.002	12 x 12 x 3.8	**1283.00**
IA642	D71P50QL2	100/50	0.01/0.005	12 x 12 x 3.8	**1428.00**
IA643	D71P100QL2	250/100	0.02/0.01	12 x 12 x 3.8	**1428.00**
IA644	D71P250QX2	500/250	0.05/0.02	24 x 24 x 5	**2051.00**

R25346E

UTILITY SCALES

This general purpose, portable weighing scale can be used in shipping and receiving areas. The large dual dial is easy to read from either the top or side position. The memory lock lever will hold the reading when dial is obscured by an oversized package.

HL933

pelouze®

NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Dimensions L" x W" x H"	Price /Each
HL933	P-250	250 lbs.	1 oz.	13 1/2 x 11 x 2 3/4	**133.00**
HX655	P114S	114 kg	0.5 kg	13 1/2 x 11 x 2 3/4	**133.00**

TOP LOADING SCALES

- Large stainless steel and enamel platforms to accommodate a variety of package sizes
- Bold graphics improves reading accuracy and ease
- Portable, rugged and reliable

HX129

KILOTECH

NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Case Finish	Platform Dim. W" x D"	Price /Each
PE448	KAM3218PL	34 oz/1 kg	Enamel	8.75 x 8.75	**112.00**
PE450	KAM512PL	5 lbs/2 kg	Enamel	8.75 x 8.75	**112.00**
PE446	KAM1101PL	11 lbs. /5 kg	Enamel	8.75 x 8.75	**110.00**
PE447	KAM2501SPL	26 lbs/12 kg	S. Steel	8.75 x 8.75	**110.00**
PE449	KAM5002PL	50 lbs/22 kg	Enamel	10.75 x 9.5	**120.00**
HX129	KAM1004PL	100 lbs/45 kg	Enamel	13 x 13	**275.00**
HX131	KAM2008PL	200 lbs/90 kg	Enamel	15.5 x 15.5	**292.00**

TRIPLE BEAM SCALE

- Durable all metal construction
- Oversized platform
- 0.1 g increments
- Includes 2000 g attachement weight set
- Capacity 610 g (2610 g with attachement weights)

KILOTECH

Model No. HX251
Price/Each $120.00

NOT LEGAL FOR TRADE

RECEIVING SCALES

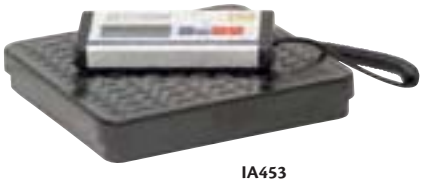
These scales are heavy-duty, general purpose and are suitable for light industrial or shipping applications. The easy-to-read indicator is connected to the base by an 8' coiled cord that allows convenient remote placement. Large removable stainless steel platform allows for easy clean up. A keypad toggle allows easy kg/lbs. selection.

FEATURES:

- Kg/lbs. modes
- Programmable Auto-Off function
- Removable stainless steel platform (**HX632**, **HX633** and **IA558**)
- Fixed mild steel checkered platform (**IA564** and **IA453**)
- 4 1/2" x 1 1/2" LCD display (**HX632**, **HX633** and **IA558**)
- 3" x 1 1/4" LCD display (**IA564** and **IA453**)
- Platform size: 11.75" x 12.25"
- Zero, Tare and kg/lbs. (toggle) keys
- Heavy-duty 8' coiled cord
- Power supply: 6 AA alkaline batteries (not included) or 120 V AC adapter (included)
- One-year warranty

HX632

NOT LEGAL FOR TRADE



IA453

KILOTECH

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
HX632	KPS-50-2	110 lbs/50 kg	0.1 lbs/0.05 kg	**260.00**
HX633	KPS-100-2	220 lbs/100 kg	0.2 lbs/0.1 kg	**260.00**
IA558	KPS-150-2	300 lbs/150 kg	0.2 lbs/100 g	**260.00**
IA564	KPS-68MS	150 lbs/68 kg	0.2lbs/100 g	**201.00**
IA453	KPS-180MS	400 lbs/180 kg	0.5 lbs/200 g	**201.00**

ELECTRONIC PLATFORM SCALES

- For use wherever parcel checkweighing is required
- Removable, oversized stainless steel platform
- Convenient LED swivel display
- Full tare allowing for net weight readings
- Graduation: 0.1 kg
- Capacity: 300 kg

KILOTECH

LEGAL FOR TRADE

Model No. HX134
Price/Each $1177.00

NOT LEGAL FOR TRADE

Model No. HX138
Price/Each $1057.00

R25345E

SCALES

WASHDOWN BATTERY-OPERATED BENCH/PLATFORM SCALES

- Water resistant stainless steel platform
- Essential in applications where moisture or food handling are involved
- Stainless steel platform and plastic indicator make these scales rustproof
- Removable platform facilitates clean-ups
- 5/16" LCD backlit display allows for accurate readings in dimly lit areas
- Swivel 360° and tilt 90° indicator head allows users to view large LCD display from all angles
- Counting function
- Rechargeable batteries and adaptor included, 2 - 4 hours charging time
- Low battery indicator
- One-year warranty on parts and labour

LEGAL FOR TRADE

KILOTECH

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
HN292	BW60	150 lbs/60 kg	0.05 lbs/20 kg	**1522.00**
HN293	BW150	300 lbs/150 kg	0.1 lbs/50 kg	**1522.00**

ELECTRONIC BENCH SCALES

- For use in shipping and receiving areas, quality control and ISO compliance applications
- Removable stainless steel platform
- Rechargeable batteries and adapter included
- Large 6 LCD digits (1"/25 mm)
- Adjustable indicator and indicator arm

KILOTECH

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
NOT LEGAL FOR TRADE				
HX140	KBS60	150 lbs/60 kg	0.05 lbs/20 g	**795.00**
HX141	KBS150	300 lbs/150 kg	0.1 lbs/50 g	**795.00**
LEGAL FOR TRADE				
HX136	KBS60	150 lbs/60 kg	0.05 lb/20 g	**884.00**
HX137	KBS150	300 lbs/150 kg	0.1 lbs/50 g	**903.00**

MECHANICAL PLATFORM BEAM SCALES

- Perfect for shipping and receiving operations or for use where electronic devices may pose a "spark" threat, such as propane filling
- Rust resistant brass beam with dual (kg/lbs.) reading
- Heavy-duty platform scales have a cast iron construction
- Hard wearing enamel finish
- Counterweights are colour coded for easy visual identification
- 50-kg and 100-kg models are bench top
- 300-kg and 500-kg models are portable
- Available as legal for trade, government certified

KILOTECH

Model No.	Mfg No.	Capacity	Graduation	Platform Dimensions"	Wt. lbs.	Price /Each
NOT LEGAL FOR TRADE						
PE457	KT-SP50KG	100 lbs/50 kg	5 lbs. x 1 oz/2 kg x 20 g	12 x 16	65	**334.00**
PE455	KT-SP100KG	200 lbs/100 kg	10 lbs. x 1 oz/5 kg x 50 g	12 x 16	88	**385.00**
PE459	KT-SP300KG	600 lbs/300 kg	50 lbs. x 4 oz/25 kg x 100 g	16 1/2 x 24	242	**505.00**
PE461	KT-SP500KG	1200 lbs/500 kg	50 lbs. x 8 oz/25 kg x 100 g	23 1/2 x 25	396	**549.00**
LEGAL FOR TRADE						
PE456	KT-SP50KG-INSPECTED	100 lbs/50 kg	5 lbs. x 1 oz/2 kg x 20 g	12 x 16	65	**517.00**
PE454	KT-SP100KG-INSPECTED	200 lbs/100 kg	10 lbs. x 1 oz/5 kg x 50 g	12 x 16	88	**567.00**
PE458	KT-SP300KG-INSPECTED	600 lbs/300 kg	50 lbs. x 4 oz/25 kg x 100 g	16 1/2 x 24	242	**719.00**
PE460	KT-SP500KG-INSPECTED	1200 lbs/500 kg	50 lbs. x 8 oz/25 kg x 100 g	23 1/2 x 25	396	**806.00**

PE456

PE460

INDIVIDUAL TEST WEIGHTS

These individual test weights can be used to periodically verify your scale's readings.

Recommended for scales with a minimum division size of 1 g. The M1 test weights include a vendor statement of accuracy.

KILOTECH

Model No.	Mfg. No.	Capacity	Description	Class	Tolerance	Price /Each
IA565	853555	100 g	Cylindrical, stainless steel, packed in plastic screw cap container with cushioned interior	Class M1 (OIML R111) with statement of accuracy; non-traceable	± 5 mg	**28.00**
IA566	853554	200 g			± 10 mg	**35.00**
IA567	853553	500 g			± 25 mg	**54.00**
IA568	853552	1 kg			± 50 mg	**85.00**
IA569	853551	2 kg			± 100 mg	**124.00**
IA570	853556	5 kg			± 250 mg	**240.00**
IA571	853557	20 kg	Grip handle, cast iron	Class M1 (OIML R111) with statement of accuracy; non-traceable	± 1 g	**188.00**
IA572	853555	50 lbs.			±.0028 lb.	**188.00**
IA573	853429	20 g	Polished alloy	Non classed without statement of accuracy	-	**6.00**
IA574	853431	100 g			-	**10.00**

R25347E

ECONOMY PALLET SCALE

- Digital indicator included
- Base 4' x 4'
- Capacity 5000 lbs. x 1 lb/2500 kg x 0.5 kg
- One-year warranty on parts and labour

Model No. HX239 Price/Each $2252.15

DELUXE PALLET SCALE

- Digital indicator included
- Base 4' x 4'
- Capacity 5000 lbs. x 1 lbs/2500 kg x 0.5 kg
- Powder coat finish
- Five-year warranty on parts and labour
- Legal for trade upon request

Model No. HX240 Price/Each $2483.66

RAMP

- Provides easy access to base
- Add 2 ramps for easy on-off weighing
- Hooks on front of ramp and lagging tabs securely hold base
- 4' x 4'

Model No. HX249 Price/Each $655.45

BUMPER GUARD

- Protects pallet scale from accidental hits
- Set of 3

Model No. HX250
Price/Each $83.54

HX250

VN SERIES ECONOMICAL FLOOR SCALE

The *Ohaus VN Series* of floor platforms and scales are the value solution to your dry weighing needs in industrial and commercial applications. Its high-quality construction is designed to minimise distortion under heavy loads, and ensures years of dependable performance. NTEP certification ensures consistent weighing results.

Standard features of the VN Series include:

- 5 mm/0.196" painted carbon steel weighing platform top plate with raised cross-hatch surface for added slip resistance
- Four NTEP-certified shear beam load cells protected to IP67
- Side-access NEMA 4X/IP65 dust and water protected stainless steel junction box with 16.5' indicator cable
- Four self-swiveling ball-in-cap feet, with top-access leveling adjustment for easy installation
- Internal structural bracing ensures platform rigidity
- Carbon steel eyebolts attached to side of platform for easy lifting and positioning
- T31P indicator includes: Backlit LCD display with 1" high digits, lbs. and kg weighing units, counting mode for inventory applications, 16' indicator cable, wall bracket for easy mounting, 80-hour internal rechargeable battery and AC adapter

IA561

NOT LEGAL FOR TRADE

Model No.	Mfg No.	Capacity	Graduation	Platform Size L"	x	W"	x	H"	Price /Each
IA560	VN31P5000L	5000 lbs/2500 kg	1 lbs/0.5 kg	48	x	48	x	3.5	**2178.00**
IA561	VN31P5000X	5000 lbs/2500 kg	1 lbs/0.5 kg	60	x	60	x	3.5	**2589.00**
IA562	80252565		Floor Ramp, 4 feet wide						**634.00**
IA563	80252566		Floor Ramp, 5 feet wide						**726.00**

OHAUS®

R25348E

SCALES

HANGING DIAL SCALES

- Ideal for grocery stores, farms, factories, quality control labs and seasonal markets
- Large dual dial chart: metric and avoirdupois
- Colour-coded easy-to-read dial chart
- Removable pan
- 7" dial
- Capacity: 22 lbs/10 kg
- Graduation: 1 oz/25 g

KILOTECH

Model No. PE451
Mfg. No. KHS-1022
Price/Each $165.00

PE451

NOT LEGAL FOR TRADE

INDUSTRIAL HANGING SCALES

- Cast aluminum scratch resistant body
- Clear shatter resistant face plate
- 7.5" dia., kg and lbs. dial
- Heavy-duty welded steel shackle ring
- Large pointed "J" hook
- 1-year warranty

IA545

NOT LEGAL FOR TRADE

KILOTECH

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
IA543	KHS-C360	125 lbs/60 kg	0.5 lbs/200 g	**178.00**
IA544	KHS-C3120	250 lbs/120 kg	1 lbs/500 g	**178.00**
IA545	KHS-C3250	540 lbs/250 kg	2 lbs/1000 g	**178.00**

DIGITAL HANGING SCALES - BATTERY POWERED

- 1" high-contrast LCD display
- Operates on 6 "C" batteries (not included) for up to 1 year of continuous use
- Low battery and over capacity display
- Auto shutoff
- Push button tare
- 1-year limited warranty

HM355

LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
HM350	HSDC-40	40 lbs.	0.02 lbs.	**1495.00**
HM351	HSDC-100	100 lbs.	0.05 lbs.	**1595.00**
HM355	HSDC-200	200 lbs.	0.1 lbs.	**1895.00**
HM356*	HSDC-500	500 lbs.	0.2 lbs.	**1996.00**
HM352	HSDC-20K	20 kg	0.01 kg	**1495.00**
HM353	HSDC-40K	40 kg	0.02 kg	**1599.00**
HM354	HSDC-100K	100 kg	0.05 kg	**1895.00**

* Not legal for trade

DIAL CRANE SCALES

- Economical and sturdy crane scale can be used in corrosive environments
- Shatterproof *Lexan* dial cover and aluminum alloy casing
- Easy to read 12" dial for good number visibility
- Safety factor is four times the hook and shackle load rating
- Accuracy to 1/2 of 1% of total capacity
- Tare adjustment up to 20% of capacity
- 1-year waranty on parts and labour

Optional Shackles & Hooks

HL997

Chatillon

NOT LEGAL FOR TRADE

Model No.	Mfg. No.	Capacity	Graduation	Price/Each
HL997	WT12500	500 lbs.	2 lbs.	**1499.00**
HL985	WT121000	1000 lbs.	5 lbs.	**1499.00**
HL991	WT122000	2000 lbs.	10 lbs.	**1499.00**
HL998	WT125000	5000 lbs.	20 lbs.	**1499.00**
HL986	WT1210000	10,000 lbs.	50 lbs.	**1686.00**
HL992	WT1220000	20,000 lbs.	100 lbs.	**1686.00**

OPTIONAL SHACKLES & HOOKS

Model No.	Mfg. No.	Description	Price/Each
LT364	3914705	Eye hook capacity 500 to 5000 lbs.	**43.50**
LT365	3915205	Eye hook capacity 10,000 to 20,000 lbs.	**168.00**
LT362	3942705	Swivel hook capacity 500 to 5000 lbs.	**87.50**
LT363	3943205	Swivel hook capacity 10,000 to 20,000 lbs.	**370.00**
HL805	13402	Swivel shackle capacity 500 to 5000 lbs.	**56.20**
HL806	13403	Swivel shackle capacity 10,000 to 20,000 lbs.	**82.00**

Call us for all your

Instrument & Electrical requirements!

R25349E

DYNAFOR® LOAD INDICATORS

The *Dynafor® LLX* series of load indicators are accurate compact instruments for measuring loads in tough job site conditions. **Shackles and hooks not included**. Some applications include: avoiding overload of non-riding platforms.

- Under-hook check weighing for mobile and overhead cranes
- Testing of material handling equipment
- On hook weighing in shipping and receiving operations

GENERAL SPECIFICATIONS:

- 5 digit LCD display
- Ambient temperature range -10% to 40°C
- Displays multiple units of measure (kg, +, short tons, lbs., daN, KN)
- Weatherproof and dustproof
- Operates on 3 "AA" batteries (included)

STANDARD FUNCTIONS:

- Automatic zero when switched on
- Peak hold
- Low battery signal
- Auto shut down after 20 minutes with no addition/reduction of load

NOT LEGAL FOR TRADE

Tractel Group

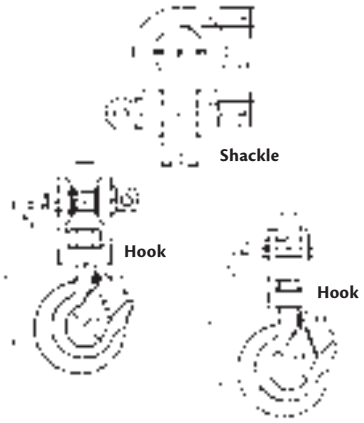
Model No.	Mfg. No.	Capacity lbs/Tons	Graduation lbs/kg	Accuracy ±lbs/kg	Height of Digits"	Wt. lbs.	Price /Each
HM664	LLX-0.25	500/0.25	0.22/0.1	1/0.5	3/4	2.5	**3201.28**
HM665	LLX-0.5	1000/0.5	0.5/0.2	2/1	3/4	2.5	**3201.28**
HM666	LLX-1.25	2500/1.25	1/0.5	5/2.5	3/4	2.5	**3201.28**
HM667	LLX-2.5	5000/2.5	2/1	10/5	3/4	3	**3474.80**
HM668	LLX-5	10,000/5	5/2	20/10	3/4	4	**3760.76**
HM669	LLX-12.5	25,000/12.5	10/5	50/25	1	8.4	**4668.31**
HM670	LLX-25	50,000/25	20/10	100/50	1	14.5	**4997.75**
HM671	LLX-50	100,000/50	50/20	200/100	1	33	**7913.12**
HM672	LLX-100	200,000/100	100/50	400/200	1	101	**22993.38**

ANCHOR SHACKLES FOR DYNAFOR® LOAD INDICATORS

Model No.	Mfg. No.	For Use with	SWL Tons	Dimensions A"	B"	C"	D"	Ø"	Wt. lbs.	Price /Each
HM673	0437.206	HM664, HM665, HM666	1.5	.43	.51	.71	1.7	1.14	.42	**16.54**
HM674	0437.207	HM667	3.25	.63	.79	1.1	2.4	1.7	1.3	**32.31**
HM675	0437.208	HM668	6.5	.87	.98	1.46	3.3	2.3	3.1	**63.40**
HM676	0437.209	HM669	13.5	1.38	1.5	2.2	5.2	3.5	9.7	**211.35**
HM677	0437.210	HM670	25	1.73	1.97	2.9	7	4.3	31	**497.31**
HM678	0437.211	HM671	50	2.52	2.75	4.13	10.5	5.9	87.5	**1678.32**

SWIVEL HOOK FOR DYNAFOR® LOAD INDICATORS

Model No.	Mfg. No.	For Use with	SWL Tons	Dimensions A"	B"	C"	D"	Ø"	Wt. lbs.	Price /Each
HM679	0398.905	HM664, HM665	4.8	.87	.83	.63	.98	1.3	1.6	**397.86**
HM680	0399.905	HM666	5.9	.95	.67	.63	1.14	1.5	3.3	**491.06**
HM681	0400.905	HM667	6.9	1.25	1.1	.79	1.18	1.8	6.2	**584.31**
HM682	0407.905	HM668	9.5	2.4	1.34	.96	1.6	2.1	9.9	**1187.27**
HM683	0401.905	HM669	13.5	3.2	2.36	1.8	2.2	3	35	**1566.49**



DYNAFOR® MINIWEIGHER

The *Dynafor® MWX Miniweigher* has an accuracy of ± 0.2% of capacity. It features an aluminum alloy body that is weatherproof and dustproof and has an ambient temperature range of -14°F to 104°F (-10°C to 40°C). The large five digit LCD display is highly visible in most lifting situations.

- Operation and set up by 3 push button controls: ON/OFF, 100% tare and peak hold, to show maximum load applied
- Up to 700 hours operation before battery charge. **HM656** uses three "AA" batteries and all other models use three "C" batteries. Batteries are included with units
- Low battery indicator and auto shutdown after 20 minutes to save battery power
- Measures in: kg., tons, lbs., short tons, daN, or kN
- Automatic zero when switched on
- Output for connection to hand held display on PC

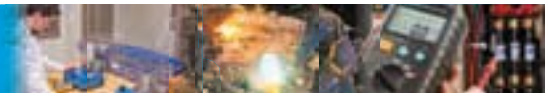
NOT LEGAL FOR TRADE

Tractel Group

Model No.	Mfg. No.	Capacity lbs/Tons	Graduations lbs/kg	Accuracy ±lbs/kg	Display Type/Height"	Price /Each
HM656	MWX-0.5	1000/0.5	0.44/0.2	1/0.5	LCD/1	**2672.94**
HM659	MWX-5	10000/5	5/2	10/5	LCD/1.75	**4512.89**
HM660	MWX-12.5	25000/12.5	10/5	25/12.5	LCD/1.75	**5849.33**

R25350E

WORK LIGHTS & CORD REELS



HAND-HELD FLOOD LIGHT WITH CLAMP

- 500-watt weatherproof fixture
- 8', 16-gaugeheavy-duty cord
- Comfortable foam grip
- Screw-type clamp mounts light anywhere you need it, including ladders or scaffolding
- Lights up to 5000 sq. ft.
- Certified for sale in Canada by an accredited certification body

Model No. XA143 Price/Each $150.00

REPLACEMENT BULB
Model No. XC464 Price/Each $2.95

LIND EQUIPMENT

HAND-HELD FLOOD LIGHT WITH MAGNET

- 500-watt weatherproof fixture
- 8', 16-gauge heavy-duty cord
- Comfortable foam grip
- Powerful 40 lbs. pull strength magnet quickly attaches to metal surfaces
- Lights up to 5000 sq. ft.
- Certified for sale in Canada by an accredited certification body

Model No. XA145 Price/Each $150.00

REPLACEMENT BULB
Model No. XC464 Price/Each $2.95

LIND EQUIPMENT

INDUSTRIAL PORTABLE FLOOD LIGHT

- 500-watt, weatherproof fixture
- 8', 16-gauge heavy-duty cord
- PVC coated solid steel base
- Comfortable foam grip
- Lights up to 5000 sq. ft.
- Certified for sale in Canada by an accredited certification body

Model No. XA638 Price/Each $137.80

REPLACEMENT BULB
Model No. XC464 Price/Each $2.95

LIND EQUIPMENT

HEAVY-DUTY PORTABLE FLOOD LIGHTS

Rugged weatherproof worklight provides temporary lighting for construction sites, accident and fire scenes. 500-watt quartz halogen bulb shines a non-diffused medium flood illumination which can be aimed easily at objects through horizontal and vertical adjustments. Works in a fixed position (Model **XA109**) or can be mounted on a vehicle (Model **XA268**). Each unit provided with 115 V, 4' 16/3 SOW cable. Certified for sale in Canada by an accredited certification body.

LIND EQUIPMENT

Model No.	Standing H"		W"	Housing H"	Depth"	Price /Each
XA109	16	x	12	9.5	6	**237.00**
XA268*	16	x	12	9.5	6	**206.00**
XC464	Replacement bulb					**2.95**

*Without tripod base

XA109

PORTABLE HALOGEN WORK LIGHT

- Quartz halogen fixture
- 500-watt bulb included
- Colour: Black and yellow
- Certified for sale in Canada by an accredited certification body

Model No. XA992 Price/Each $29.95

REPLACEMENT BULB
Model No. XC464 Price/Each $2.95

globe

ENERGY EFFICIENT FLUORESCENT FLOODLIGHT

- 65 W cool-running fluorescent floodlight
- Light output equivalent to 300 W incandescent but with much less energy use
- Aluminum frame, tempered glass lens
- *Energy Star*® certified

Model No. XC469

Price/Each $140.10

R24660E

HEAVY-DUTY WORKLIGHTS

- 500-watt weatherproof fixture
- Tempered glass lens
- Chrome-plated, solid steel guard
- Shock-resistant double insulated wiring
- 500 watt colour-corrected quartz halogen bulb included
- Powder-coated steel construction
- Rubber leg tips protect floors and surfaces
- 1 year limited warranty
- Certified for sale in Canada by an accredited certification body

1' TO 3' TELESCOPIC

- 8', 16-gauge heavy-duty chemical and abrasion resistant cord
- Collapsible steel base
- Lights up to 6,000 sq. ft.

Model No. XA150
Price/Each $155.00

4' TO 8' TELESCOPIC

- Double-reinforced sandbaggable steel base expands to 48"
- 15', 16-gauge heavy-duty chemical and abrasion resistant outdoor cord
- Lights up to 7,000 sq. ft.

Model No. XA140
Price/Each $232.00

4' TO 8' TELESCOPIC TWIN

- Twin 500-watt, 500 watt each head
- Fixtures independently adjustable 360°
- Two 10-A switches
- Double-reinforced sandbaggable steel base expands to 48"
- 15', 16-gauge heavy-duty chemical and abrasion resistant cord
- Lights up to 14,000 sq. ft.

Model No. XA141
Price/Each $349.00

LIND EQUIPMENT

REPLACEMENT BULB FOR ALL 3 STYLES Model No. XC464 Price/Each $2.95

POWER TOWER

- Rugged and powerful enough to light up large construction sites
- Sets up in only a couple of minutes and collapses to fit in any truck or SUV
- Removable mast adjusts to position the fixture from 19" to 12 1/2' from the ground
- Fits any standard generator on its base, or can be run directly from a power outlet
- 1000 W metal halide bulb(s) included
- Certified for sale in Canada by an accredited certification body

LIND EQUIPMENT

Model No.	Fixtures	Light Output Lumens	Max. Area Illuminated	Power Requirement	Price /Each
XB369	Single 1000 W	110000	82000 Sq. ft.	120 V 8.4 A	1798.40
XB370	Double 1000 W	220000	164000 Sq. ft.	120 V 16.7 A	3095.00
XB217	Replacement 1000 W Metal Halide Bulb				55.40

HEAVY-DUTY MOULDED STRINGLIGHTS

- Rugged 12/3 STW cable is high visibility yellow
- Can be linked together for longer runs
- Sockets are rated for a max. 120 V, 150 W A23 bulbs
- Available with plastic lamp guards or heavy-duty grounded metal guards
- Certified for sale in Canada by an accredited certification body

LIND EQUIPMENT

Model No.	Length'	No. of sockets	Guard Style	Price /Each
XB979	50	5	Plastic Cage	164.90
XB980	50	5	Metal Cage	196.00
XB981	100	10	Plastic Cage	303.40
XB982	100	10	Metal Cage	350.00

ACCESSORIES

Model No.	Description	Price/Each
XB119	Standard coat replacement bulb	2.16
XB120	Clear replacement bulb	2.16
SA0746	Replacement plastic head	3.42
SA0747	Replacement metal head	12.40

WEATHERPROOF QUARTZ HALOGEN FIXTURE

- Adjustable tripod
- 500-watt bulbs included
- Colour: Yellow
- Extended height: 7'
- Certified for sale in Canada by an accredited certification body

Model No. XA007
Double Fixture
Price/Each $68.95

Model No. XC464
Replacement bulb
Price/Each $2.95

globe

R24661E

WORK LIGHTS & CORD REELS

INDUSTRIAL WORK LIGHTS

INCANDESCENT WORK LIGHTS

- Grounded convenience outlet
- On/Off switch handle
- Models **XA175**, **XA918**, **XB987** and **XB988** feature a circuit breaker
- Models **XB987** and **XB988** feature a cord that stays flexible in cold temperature
- Certified for sale in Canada by an accredited certification body

LIND EQUIPMENT

Model No.	Description	Price /Each
100 WATTS		
XA175	25' cord, 14/3 SJTW, 15 A	**52.00**
XA918	50' cord, 14/3 SJTW, 15 A	**82.00**
XB987	25' cord, 16/3 SJTWO, all temperature, 13 A	**39.00**
XB988	50' cord, 16/3 SJTWO, all temperature, 13 A	**59.00**
XB989	25' cord, 16/3 SJT, 13 A	**33.00**
XB990	50' cord, 16/3 SJT, 13 A	**53.00**
XB123	Replacement bulb	**3.40**

HEAVY-DUTY FLUORESCENT WORK LIGHTS

- Cool running and protected by a rugged, shatter resistant polycarbonate tube
- Includes an enclosed starter switch, rubber end caps, full-length reflector and hanging hook
- Moisture and dust resistant
- Yellow 18/2 SJTOW cord
- Certified for sale in Canada by an accredited certification body

LIND EQUIPMENT

Model No.	Description	Length"	Price /Each
TWIN-TUBE COMPACT			
XA146	13 W, 900 lumens, 25' cord	11	**102.00**
XB971	13 W, 900 lumens, 50' cord	11	**127.00**
XA251	Replacement Bulb, Rough Service	-	**11.80**
LINEAR TUBE			
XA149	15 W, 920 lumens, 25' cord	22	**116.00**
XB972	15 W, 920 lumens, 50' cord	22	**147.00**
XB973	25 W, 2200 lumens, 25' cord	46	**251.00**
XB974	25 W, 2200 lumens, 50' cord	46	**286.00**

VAPOUR-PROOF INCANDESCENT WORK LIGHTS

- Suitable for areas where water vapour is present
- Rated for a 100-W bulb
- Impact resistant glass globe and metal guard
- Oil resistant yellow rubber handle
- 16/3 SOOW cord
- Certified for sale in Canada by an accredited certification body

Note: Not submersible

Model No. XA270 25' cord **Price/Each $358.00**

Model No. XA267 50' cord **Price/Each $396.00**

Model No. XB123 Replacement bulb
Price/Each $3.40

LIND EQUIPMENT

VAPOUR-PROOF FLUORESCENT WORK LIGHTS

- Suitable for areas where water vapour is present
- Cool running 13 W fluorescent lamp outputs 900 lumens
- Ballast-in-the-handle design
- Shatter-resistant polycarbonate tube and rubber handle
- Includes: Switch, reflector, hook and 18/2 SJTOW cord
- 12.5" length
- Certified for sale in Canada by an accredited certification body

Note: Not submersible

Model No. XC330 25' cord **Price/Each $121.00**

Model No. XC331 50' cord **Price/Each $140.00**

Model No. XA251 Replacement Bulb, Rough Service
Price/Each $11.80

LIND EQUIPMENT

INDUSTRIAL FLUORESCENT WORK LIGHTS

- Cool running fluorescent bulb included
- Shatter resistant polycarbonate lamp shield
- Includes: full length reflector, switch and hook
- Models **XB906**, **XB907** and **XB967** also have a magnet mount and outlet
- Certified for sale in Canada by an accredited certification body

LIND EQUIPMENT

Model No.	Description	Length"	Price /Each
COMPACT TWIN-TUBE			
XB906	13 W, 25' Cord, 16/3 SJT	13	**56.00**
XB907	13 W, 50' Cord, 16/3 SJT	13	**76.00**
XB967	26 W, 25' Cord, 16/3 SJT, Dual Twin-Tube	15	**80.00**
XA251	Replacement Bulb, Rough Service (for XB906 and XB907)		**11.80**
XC409	Replacement Bulb (for XB967)		**7.60**
LINEAR FLUORESCENT			
XB968	15 W, 25' cord, 18/2 SJT	26	**67.00**
XA572	Replacement Bulb, 24/case		**115.00**

RECHARGEABLE FLUORESCENT WORK LIGHT

- Utilises a long lasting fluorescent bulb which delivers excellent light in a highly portable package
- 13 W cool operating • 900 lumens
- Rechargeable 7.2 V NiMH battery pack
- 90-minute run time with full charge
- Convenient rotating hanging hook
- Stands upright on its base
- Extra battery pack allows continuous use of the light while the other is charging (Model No. **XC419**)
- **Includes**: Battery pack, 120 V charging cradle and 12 V auto adaptor cord
- Certified for sale in Canada by an accredited certification body

Model No.	Description	Price/Each
XC418	13 W rechargeable fluorescent work light	**113.83**
XC419	Spare battery pack for XC418	**43.59**
XC470	Replacement Bulb for XC418	**15.20**

LIND EQUIPMENT

R24662E

LED WORK LIGHT

- Latest in LED technology brings bright, long-lasting and energy-efficient lighting to your toughest tasks
- Cool running, cold-temperature operable and highly energy efficient
- Bright white LED's provide extremely long lamp life (100,000 hours average)
- 50 LED, 15' 16/3 SJT cord, 13 A grounded outlet, removable magnet mount and dual hooks
- **Includes**: On/off switch, hanging hook and focused reflector
- Certified for sale in Canada by an accredited certification body

Model No. XC413
Price/Each $110.00

LIND EQUIPMENT

RECHARGEABLE LED WORK LIGHT

- Cool running, cold-temperature operable, and highly energy efficient
- Bright white LED's provide extremely long lamp life (100,000 hours avg)
- Dual-stage switch provides two brightness levels
- NiMH battery operates 3-4 hours on high, and 7-8 hours on low setting
- **Includes**: Low-battery indicator and charging cradle with battery monitor
- Certified for sale inCanada by an accredited certification body

LIND EQUIPMENT

Model No.	Description	Price/Each
XC416	24 LED rechargeable light with carrying case	86.00
XC417	48 LED rechargeable light with carrying case	132.00

HAZARDOUS LOCATION WORK LIGHTS

INCANDESCENT HAND LAMPS

- 100-W explosion proof light provides 1600 lumens of light output
- Approved for Class I Division I Group C and D hazardous locations
- 16/3 SOOW cord with a non-explosion proof plug (explosion proof plug is also available)
- Certified for sale in Canada by an accredited certification body

25' CORD
Model No. XA269
Price/Each $546.00

50' CORD
Model No. XA103
Price/Each $578.00

REPLACEMENT BULB
Model No. XB123
Price/Each $3.40

LIND EQUIPMENT

COMPACT FLUORESCENT HAND LAMPS

- Choice of either 13-W twin tube (900 lumens) or 26-W quad tube (1800 lumens) design
- Their minimal heat generation makes them ideal for use in confined, explosive areas
- *DuPont Zytel*® outer construction is extremely rugged and leaves no exposed metal parts
- Approved for Class I Division 1 Group C and D and Class II Division 1 Group F and G hazardous locations
- 16/3 SOOW cord with a non-explosion proof plug (explosion proof plug is also available)
- Certified for sale in Canada by an accredited certification body

LIND EQUIPMENT

Model No.	Description	Price/Each
XA139	13 W, 50' cord	945.00
XA137	26 W, 25' cord	920.00
XA136	26 W, 50' cord	800.56

INCANDESCENT FLOOD LIGHT

- Powerful 300-W explosion proof flood light with floor stand
- Light output is 4200 lumens
- Approved for Class I Division 1 Group C and D hazardous locations
- 16/3 SOOW cord with a non-explosion proof plug (explosion proof plug is also available)
- Certified for sale in Canada by an accredited certification body

50' CORD
Model No. XA919
Price/Each $1744.00

100' CORD
Model No. XA920
Price/Each $1801.00

LIND EQUIPMENT

RECHARGEABLE AC/DC WORK LIGHT

- 60 LEDs up to 100,000-hour bulb life
- Durable ABS plastic
- Up to 8 hours on a full charge
- Impact, oil and water resistant
- Includes: Charger, car charger and powerful magnet

Model No. XC233
Price/Each $99.95

70W METAL HALIDE EXPLOSION-PROOF FLOODLIGHT

- Hazardous location floodlight that is suitable for wet locations
- Made of non-sparking marine-grade aluminum
- 5200 lumens
- Comes with bulb and 100' of 16/3 SOW cord and non-explosion proof plug
- CSA approved for Class 1, Div 1, Groups C & D; Class 2, Div 1, Groups F & G

Model No. XC635
Price/Each $3627.90

LIND EQUIPMENT

R24663E

WORK LIGHTS & CORD REELS

HAND-WIND ELECTRIC CABLE REEL

- Provides a portable power centre for tools and equipment
- Frame is made from heavy-duty steel tubing, and features a contoured comfort grip
- Side discs are rolled to provide increased rigidity and strength
- Powder painted for a long-lasting, tough finish
- Equipped with four 120V 15/20A T-slot receptacles and 120V 15A plug
- LED illuminates to indicate that the reel is connected to power
- Resettable circuit breaker protects against overloads
- Receptacles are recessed for protection against impact and inadvertent contact
- Enclosed terminals at the centre of the reel hub prevent users from contacting live connections
- Dimensions: 17 1/2" L x 11 1/2" W x 18" H

LIND EQUIPMENT

Model No.	Description	Price /Each
XC410	10" pigtail, ready for winding your existing extension cord	224.00
XC411	Reel w/ 100' 12/3 SOOW cord w/ plug	516.00
XC412	Reel w/ 50' 14/3 SOOW cord w/ plug	361.00

LED WORK LIGHT REELS

- Reach your light to where you need it most, with 30 or 50 feet of cable
- 50 or 60 bright white LED's on lights last for an average of 100,000 hours
- Tough metal reel housing stands up to abuse
- Certified for sale in Canada by an accredited certification body

LIND EQUIPMENT

Model No.	Description	Price /Each
XC414	30' of 16/3 SJTW cord, 50-LED work light w/10 A outlet	171.00
XC415	50' of 18/2 SVT cord, 60-LED work light	168.00

METAL HALIDE WORK LIGHTS

- Bright, durable and virtually indestructible
- Self-righting, highly durable work light
- Internal ventilation system keeps light cold enough to touch
- String them in a series or use individually
- No set up, just plug it in
- Unique counter weighted design repositions to upright when knocked over
- Floating shock system protects bulb from jarring and striking
- Tough polycarbonate dome protects bulb from contact with hard objects and debris
- 8000-hour bulb life
- Height: 36"
- Certified for sale in Canada by an accredited certification body

Arc Reflector Shield

WOBBLELIGHT

Model No.	Mfg. No.	Light Output Lumens	Amps	Applications	Price /Each
XC332	WL175MH	15,000	1.6	Residential Construction, Remodelling, Light Manufacturing, Medium Rooms, Medium Outdoor Areas	349.00
XC334	WL400MH	40,000	3.6	Commercial Construction, Heavy Industry, Farm & Agriculture, Fire & Rescue, Large Area, Large Outdoor Area	439.00

ACCESSORIES

Model No.	Mfg. No.	Description	Price/Each
XC335	WL52230	180° Arc Reflector Shield	27.95
XC453	0390318401	Replacement transparent dome w/cap	61.70

REPLACEMENT BULBS

XB213	M175/U	Replacement Bulb for XC332	30.60
XC454	M400/U/ET18	Replacement Bulb for XC334	52.74

R24664E

Positive latching mechanism allows the cord to be extended to any length required and automatically held in place. An adjustable ball stop provides easy height adjustment. Hardware included for either ceiling or wall mount.

INDUSTRIAL CORD REELS

- Mounting bracket and hardware included provide secure wall or ceiling mounting
- A release tab on the mounting bracket quickly and easily converts the reel from stationary to portable use
- Large, comfortable carrying handle
- The non-metallic composite housing ensures a prolonged, corrosion-free service life
- Certified for sale in Canada by an accredited certification body

Incandescent Work Light

Fluorescent Work Light

Model No.	Cable Length'	Cable Type	Termination	Outlet Rating	Price /Each
DB978	40	12/3 SJTW	Triple outlet	15 A, breaker protected	**265.00**
DB979	50	14/3 SJTW	Triple outlet	13 A, breaker protected	**264.00**
DB980	50	14/3 SJTW	Incandescent light	13 A, breaker protected	**249.00**
DB981	50	16/3 SJTW	26 W fluorescent light	9 A	**310.00**

INCANDESCENT WORK LIGHT REELS

- Incandescent work light is rated for a 75 W bulb
- Includes switch and circuit breaker protected outlet
- Grounded metal guard with reflector protects the bulb
- Certified for sale in Canada by an accredited certification body

XA155

Model No.	Description	Rating	Price /Each
XA640	20' 18/3 SVT cord	6 A	**59.60**
XA155	30' 16/3 SJT cord	9 A	**112.00**
XA921	50' 18/3 SVT cord	6 A	**113.00**
XB122	Replacement bulb		**3.42**

EXTENSION REELS

- Triple outlet extension reel accomodates three tools
- Circuit breaker protects against power overloads, which can cause electrical fires
- Certified for sale in Canada by an accredited certification body

XA154

Model No.	Description	Rating	Price /Each
XA154	30' 16/3 SJT cord	10 A	**106.00**
XB281	30' 14/3 SJT cord	13 A	**122.00**

FLUORESCENT WORK LIGHT REELS

- 13 W compact fluorescent work light is cool running
- Includes switch, hanging hook and full-length reflector
- Polycarbonate shield allows tool-free lamp replacement
- Light output is 900 lumens
- Certified for sale in Canada by an accredited certification body

XA289

Model No.	Description	Price /Each
XA289	40' 18/2 SJT cord	**111.00**
XA412	30' 16/3 SJT cord, 9 A outlet in light	**123.00**

LIND EQUIPMENT

CORD REELS

Spring retractable cord reels are available in 3 styles. Standard female receptacle, incandescent lamp and fluorescent lamp. Engineered for industrial use, these units are also compact, can be installed on walls, ceilings or under a tool bench.

Dimensions: 12 5/8" L x 7 1/2" W x 13 1/4" H.

All units feature 115 V SJTO cord.

Certified for sale in Canada by an accredited certification body

XA173

XA172

REELCRAFT

Model No.	Max. Amps.	Cord Length'	Gauge	Wt. lbs.	Price /Each
INCANDESCENT					
XA173	13	50	16/3	24	**431.97**
FLUORESCENT					
XA174	0.3	50	16/2	23	**475.37**
SINGLE OUTLET					
XA172	13	50	16/3	23	**425.62**

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WARNING SYSTEMS

FIREBEAM® COMPACT VEHICULAR WARNING LIGHTS

- FireBeam® is a super-bright, compact vehicular warning light
- Features a polycarbonate base and snap-on dome
- Comes with a black half-dome that snaps over the back of the unit and prevents back flash when used inside vehicles
- Available in 12 VDC
- 68,000 candela output
- 55-watt halogen lamp
- Dual speed motor for 95 or 175 FPM
- Low profile: only 3.8" high

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Colour	Price /Each
XC109	FB3SM-A	Amber	168.56
XC110	FB3SM-B	Blue	168.56
XC111	FB3SM-R	Red	168.56
XC271	FB3SM-C	Clear	168.56
XC272	FB3SM-G	Green	168.56

VITALITE® ROTATING WARNING LIGHTS

- A compact, rotating light designed for in-plant applications
- Features a parabolic reflector that rotates around an incandescent lamp, providing 60 flashes per minute in all directions
- Available in 120 VAC
- Pipe and surface mount
- Type 4X, IP66 enclosure
- UL, cUL Listed and CSA certified

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Colour	Price/Each
XC112	121S-120A	Amber	226.19
XC113	121S-120B	Blue	226.19
XC114	121S-120R	Red	226.19
XC273	121S-120C	Clear	226.19
XC274	121S-1210G	Green	226.19

VLB VEHICULAR LIGHT BARS

- Modular system • 360° light distribution
- Quad flash, 9-joule output
- 12 VDC; 3.6 amps @ 12.8 VDC
- Magnetic mount or permanent mount
- Weather-resistant housing
- Meets SAE J1318 Class II

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No	Description	Price/Each
XC437	VLB-012AP	Permanent Mount	516.14
XC438	VLB-012AM	Magnetic Mount	567.40
ACCESSORIES*			
XC439	RMK	Riser Mounting Kit	131.35
XC440	FMK	Flat Mounting Kit	110.06

*For permanent mounting

ELECTRARAY® ROTATING WARNING LIGHTS

- A compact, economical rotating warning light designed for industrial use
- Innovative dome design features a single retaining screw that allows quick and easy access for inspection and relamping
- Available in 120 VAC
- Design makes it easily adaptable for a multitude of applications and provides an effective means of supplementing audible signaling devices
- Integrated 1/2' pipe mount
- Type 4X, IP66 enclosure
- UL and cUL Listed for indoor/outdoor use

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Colour	Price/Each
XC115	225-120A	Amber	196.64
XC116	225-120R	Red	196.64
XC281	225-120B	Blue	196.64
XC282	225-120C	Clear	196.64
XC283	225-120G	Green	196.64

ELECTRAFLASH® STROBE WARNING LIGHTS

- Economical strobe light designed for a variety of industrial uses
- Compact warning light is less than 6" tall and 6" diameter
- 24 VDC or 120 VAC
- 4000-hour strobe tube
- Type 3R enclosure
- UL Listed and CSA certified

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Description	Price/Each
XC121	141ST-024A	24 VDC, Amber	132.90
XC122	141ST-024R	24 VDC, Red	132.90
XC284	141ST-024B	24 VDC, Blue	132.90
XC123	141ST-120A	120 VAC, Amber	142.49
XC124	141ST-120R	120 VAC, Red	142.49
XC285	141ST-120B	120 VDC, Blue	142.49

Note: Clear and green available upon request

ELECTRARAY® HAZARDOUS LOCATION LED FLASHING WARNING LIGHTS WITH XLT™ TECHNOLOGY

- 120 VAC and 240 VAC
- Flashing mode standard (60 flash rate/minute), configurable to steady-burn
- 60,000-hour, vibration-resistant LED lamp
- 1/2" pipe mount
- Type 4X, IP66 enclosure, marine listed
- UL and cUL listed for class 1, division 2 applications

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Colour	Price/Each
XC425	225XL-120-240A	Amber	495.59
XC426	225XL-120-240B	Blue	668.81
XC427	225XL-120-240R	Red	495.59
XC428	225XL-120-240G	Green	668.81

Note: Also available in 24 V AC/DC

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FIREBALL® STROBE WARNING LIGHTS

- Very bright and compact strobe light
- Emits a powerful "lightning bolt" flash of light
- Approximately 5" tall and 4" in diameter
- Rated at 300-effective candlepower, can be used in a variety of stationary and vehicular warning requirements
- Available in 12-24 VDC, 120 VAC, and 240 VAC
- 10,000 hour strobe tube
- UL and cUL Listed, CSA certified for indoor/outdoor use
- Type 4X, IP66 enclosure

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Colour	Price/Each
XC135	FB2PST-120A	Amber	359.63
XC136	FB2PST-120R	Red	359.63
XC256	FB2PST-120B	Blue	359.63
XC257	FB2PST-120C	Clear	359.63
XC258	FB2PST-120G	Green	359.63

STREAMLINE® LOW PROFILE LED LIGHTS

- 120 VAC
- 1/2" male pipe mount
- 100,000-hour LED lamp life
- Screw-on lens
- Type 4X enclosure
- Optional wire lens guard
- UL and cUL Listed, CSA Certified

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Colour	Price/Each
XC420	LP3ML-120A	Amber	122.44
XC421	LP3ML-120B	Blue	178.07
XC422	LP3ML-120R	Red	122.44
XC423	LP3ML-120C	Clear	193.39
XC424	LP3ML-120G	Green	178.51

Note: Also available in 24 VDC

FLASHING LED HAZARDOUS LOCATION WARNING LIGHTS WITH XLT™ TECHNOLOGY

- 120 VAC and 240 VAC
- Flashing mode standard, configurable to steady-burn, 60,000-hour, vibration resistant LED lamp
- 3/4" pipe mount
- Includes: Dome guard
- Type 4X, IP66 enclosure, marine listed
- UL and cUL Listed

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Colour	Price/Each
XC429	191XL-120-240A	Amber	480.58
XC430	191XL-120-240B	Blue	648.78
XC431	191XL-120-240R	Red	480.58
XC432	191XL-120-240G	Green	648.78

Note: Also available in 24 VAC/VDC

STREAMLINE® LOW PROFILE STROBE LIGHTS

- Features a state-of-the-art strobe rated for 7,000 hours
- High-quality, long-life strobe tubes are designed to reduce tungsten build-up for longer lamp maintenance cycles
- Screw-on lens provides easy access
- Low profile
- 120 VAC
- Type 4X, IP66
- UL and cUL Listed, CSA Certified
- PLC and triac compatible

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Description	Price/Each
XC125	LP3P-120A	Amber, Pipe Mount	104.68
XC126	LP3P-120R	Red, Pipe Mount	104.68
XC286	LP3P-120B	Blue, Pipe Mount	104.68
XC287	LP3P-120C	Clear, Pipe Mount	104.68
XC288	LP3P-120G	Green, Pipe Mount	104.68
XC127	LP3T-012-048A	Amber, T Mount	106.67
XC128	LP3T-012-048B	Blue, T Mount	106.67
XC129	LP3T-012-048R	Red, T Mount	106.67
XC289	LP3T-012-048C	Clear, T Mount	106.67
XC290	LP3T-012-048G	Green, T Mount	106.67
XC130	LP3E-120A	Amber, Edison Base	125.35
XC131	LP3E-120R	Red, Edison Base	125.35
XC262	LP3E-120B	Blue, Edison Base	125.35
XC263	LP3E-120C	Clear, Edison Base	125.35
XC264	LP3E-120G	Green, Edison Base	125.35
XC132	LP3M-120A	Amber, Male Pipe Mount	104.68
XC133	LP3M-120B	Blue, Male Pipe Mount	104.68
XC134	LP3M-120R	Red, Male Pipe Mount	104.68
XC265	LP3M-012-048B	Blue Male Pipe Mount	115.32
XC266	LP3M-012-048C	Clear Male Pipe Mount	115.32
XC267	LP3M-012-048G	Green Male Pipe Mount	115.32

EXPLOSION-PROOF LED WARNING LIGHTS WITH XLT™ TECHNOLOGY

- 120 VAC and 240 VAC
- Available in flashing or steady-burn mode
- 60,000-hour LED
- 3/4" pendant mount standard, other options available
- Dome guard optional
- Type 4X, IP66 enclosure
- Marine Listed
- UL and cUL Listed

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Colour	Price/Each
XC433	27XL-120-240A	Amber	1759.76
XC434	27XL-120-240B	Blue	1759.76
XC435	27XL-120-240R	Red	1759.76
XC436	27XL-120-240G	Green	1759.76

Note: Also available in 24 VAC/DC

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BATTERY POWERED WARNING LIGHTS

- Portable, battery powered warning light flashes 65 times per minute
- Solid-state flasher features components which are moisture-proof and reverse polarity protected to ensure extended battery life and trouble-free performance
- 12 VDC - uses two standard 6 VDC lantern batteries
- 300-hour, 5 W incandescent lamp or (ST) strobe tube with magnetic base
- Type 3R enclosure

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Description	Price/Each
XC137	BPL26-A	Amber	113.05
XC138	BPL26-R	Red	115.36
XC259	BPL26-B	Blue	115.36
XC260	BPL26-C	Clear	115.36
XC261	BPL26-G	Green	115.36
XC139	BPL26ST-A	Strobe Tube, Amber	260.69
XC140	BPL26ST-R	Strobe Tube, Red	260.69
XC268	BPL26ST-B	Strobe Tube, Blue	260.69
XC269	BPL26ST-C	Strobe Tube, Clear	260.69
XC270	BPL26ST-G	Strobe Tube, Green	260.69
XA430		Replacement 6V Battery	13.95

FLASHING COMBINATION AUDIBLE/VISUAL SIGNALS

- Features 100% polycarbonate housing rated for Type 3R rain-tight applications
- Surface mount, integrated 1/2" pipe mount, and 4" electrical box mount
- Twist-off lens for easy access
- Internal buzzer produces 85 dB at 10'
- Available in 120 VAC
- UL and cUL Listed, CSA Certified
- Type 3R enclosure

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Description	Price/Each
XC117	AVI-120A	Amber	193.29
XC118	AVI-120R	Red	193.29
XC275	AV1-120B	Blue	193.29
XC276	AV1-120C	Clear	193.29
XC277	AV1-120G	Green	193.29
XC119	AVIST-120A	Strobe Tube, Amber	311.55
XC120	AVIST-120R	Strobe Tube, Red	311.55
XC278	AV1ST-120B	Strobe Tube, Blue	311.55
XC279	AV1ST-120C	Strobe Tube, Clear	311.55
XC280	AV1ST-120G	Strobe Tube, Green	311.55

USI UNISTAT® STATUS INDICATORS

- Compact, attractive and easy to install
- The UniStat® offers a choice of four integrated flash patterns: steady, burn, slow flash, strobe flash and *SimuStrobe™*
- Offers a total of 12 possible flash/colour combinations in the tri-colour model and 16 in the quad-colour model
- 100,000 hour, vibrations resistant LED light source
- Available in 24 VAC/DC or 120 VAC
- PLC compatible
- Surface mount and integrated 3/4" pipe mount
- Type 4X, IP65 enclosure

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Description	Price/Each
XC151	USI-024TC	24 VAC/DC, tri-colour	195.34
XC152	USI-120TC	120 VAC, tri-colour	268.57
XC153	USI-024QC	24 VAC/DC, quad-colour	228.40
XC154	USI-120QC	120 VAC, quad-colour	308.61

SST-MV ELECTRONIC SIREN

- Sirens has 4 on-board tones
- Can be used as a stand alone, high output, audible warning device in any application where voice paging is not required
- Typical applications include emergency warning, start and dismissal, fire alarm, general alarm and evacuation
- Four different tones: wail, yelp, horn and temporal slow whoop
- Multi-voltage design accepts 24 VDC or 120/240 VAC
- Produces 111 dB @ 10'
- Omni-directional swivel mount
- UL and cUL Listed
- Type 3R enclosure

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Price/Each
XC146	SST-MV	631.88

Call us for all your Instrument & Electrical requirements!

R23467E

350TR VIBRATONE® HORN

- Produces a very loud horn tone by the electromechanical vibration of a diaphragm
- Capable of reproducing coded blasts or sustained tones
- This horn is excellent for general alarm, start and dismal, coded paging, and process control signalling in areas of high ambient noise levels
- Effective range of 200'
- 120 VAC
- Produces 100 dB at 10'
- UL and cUL Listed, CSA Certified, FM Approved
- Type 4X and Type 12 enclosures

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Description	Price/Each
XC147	350TR-120	Horn	126.74
XC148	TR-350	Mount trim ring	22.63

350WB VIBRATONE® HORN

- Produces sound by the electromechanical vibration of a stainless steel diaphragm
- The horn mechanism with diaphragm is attached to the grill
- Indoor or outdoor use is made possible by the water-tight and dust-tight back box
- Effective range 200'
- Coded or sustained tones
- To be mounted on a wall
- 120 VAC
- Produces 100 dB @ 10'
- UL and cUL Listed, CSA Certified, FM Approved
- Type 4X, IP65 enclosure

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Price/Each
XC141	350W8-120	192.79

LP5 STREAMLINE® LOW PROFILE MINI SOUNDER

- Economical two-wire micro unit produces an effective audible signal for indoor applications
- Capable of producing one of four tones: continuous, two-tone, pulsed and sweeping
- Works well in panel or wall mount installations due to unobtrusive low profile
- Ideal for indoor use
- Produces 76-87 db @ 10'
- Available in 9-30 VDC
- CE Compliant

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Price/Each
XC144	LP5-09-030	68.28

252 VEHICULAR BACK-UP ALARM

- Solid-state audible warning device enclosed in a rugged weatherproof housing
- The alarm produces a horn tone and sounds approximately 60 times per minute with equal on and off pulses
- Designed for a wide variety of vehicles operating in populated areas, both indoor and out
- Operates within the 12 VDC to 48 VDC range
- Produces 97 dB @ 4'
- Conforms to SAE J994 sound level Type C requirements
- Universal mounting
- Type 4X enclosure

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Price/Each
XC150	252-012-048	124.10

LP4 STREAMLINE® LOW PROFILE MINI SOUNDER

- Compact multi-tone sounder ideal for OEM and general alarm applications
- ABS casing and encapsulated electronics provide a high degree of strength and protection from elements
- Shallow base provides flush mount wiring and features a unique twist assembly for easy installation
- Choice of 28 tones
- Operates on 9-28 VDC
- Produces 82-100dB @ 10'
- Type 4X, IP54
- PLC compatible
- CE Compliant

FEDERAL SIGNAL CORPORATION

Model No.	Mfg. No.	Price/Each
XC149	LP4-09-028	62.35

VIBRATONE® BELL ASSEMBLY

- Assembly features heavy-duty, industrial grade housing and powder-coat paint treatments for added durability and performance
- 4" heavy-duty gong produces 98 dB @ 10'
- 6" heavy-duty gong produces 100 dB @ 10'
- Gongs are tempered to give superior output and long lasting durability
- Contains an internal terminal block which simplifies installation
- Includes gong, vibrating AC mechanism, and gasketed back box
- Allows for uninterrupted, single run of wiring
- UL and cUL Listed, CSA Certified and FM Approved
- Entire assembly is rated for Type 3R

Model No.	Mfg. No.	Size"	Price/Each
XC142	504WB-120	4	229.67
XC143	506WB-120	6	270.70

R23469E

EMERGENCY LIGHTING

EEMAC4X EMERGENCY LIGHTING UNITS

- EEMAC4X rated – water and dust tight units
- 120/347 VAC dual input • Push button test switch
- Dual diagnostic LEDs indicate AC-ON and CHARGE
- Solid state transfer charger
- Brownout and low voltage protection
- Pre-stamped mounting holes
- Two top mounted, high impact thermoplastic PAR36 9 watt tungsten weatherproof heads
- ABS thermoplastic or fibreglass construction grey finish
- Output 6 V or 12 VDC at rated wattage for 30 minutes
- CSA certified

Beghelli

Model No.	Mfg. No.	Replacement Batteries	Voltage	Watts Output 1/2 hr.	1 hr.	1 1/2 hr.	2 hr.	Price /Each
XB102	DRY6-36/2R2	XA604	6 VDC	36	18	12	9	**324.95**
XB103	DRY6-80/2R2	XA605	6 VDC	80	40	27	20	**409.03**
XB104*	DRY12-72/2R2	XA604	12 VDC	72	36	24	18	**538.71**

* Two battery packs required.

REPLACEMENT BULB

Model No. XB338 Mfg. No. LP104 9 watt tungsten **Price/Each $1.80**

EMERGENCY LIGHTING UNITS 6 V 18 W-80 W

XA439

XA436

- 120/347 VAC dual input
- Push button test switch
- Dual diagnostic LEDs indicate AC-ON and CHARGE
- Solid state transfer charger
- Brownout and low voltage protection
- Two top mounted, high impact thermoplastic PAR18 9 watt tungsten heads
- 20-gauge steel construction c/w white baked powder coat paint finish
- Pre-stamped universal mounting and keyhole slots
- Output 6 VDC at rated wattage for 30 minutes
- CSA certified

Beghelli

Model No.	Mfg. No.	Replacement Batteries	Watts Output 1/2 hr.	1 hr.	1 1/2 hr.	2 hr.	Price /Each
XA436	C6-18/2R1	XA604	18	9	-	-	**109.28**
XA190	C6-36/2R1	XA604	36	18	12	9	**130.75**
XA438	C6-50/2R1	XB921	50	25	17	12	**156.90**
XA439	B6-80/2R1	-	80	40	26	20	**178.37**

Replacement bulb: Model No. XB338
Mfg. No. LP104 9 watt tungsten **Price/Each $1.80**

EMERGENCY LIGHTING UNITS 12 V 72 W-360 W

XA440

- 120/347 VAC dual input
- Push button test switch
- Dual diagnostic LEDs indicate AC-ON and Charge
- Solid state transfer charger
- Brownout and low voltage protection
- Two top mounted high impact thermoplastic PAR18 9 watt tungsten heads
- 20-gauge steel construction c/w white baked powder coat paint finish
- Pre-stamped universal mounting and keyhole slots
- Output 6 VDC or 12 VDC at rated wattage for 30 minutes
- CSA certified

Beghelli

Model No.	Mfg. No.	Replacement Batteries	Watts Output 1/2 hr.	1 hr.	1 1/2 hr.	2 hr.	Price /Each
XA440*	B12-72/2R1	XA604	72	36	24	18	**210.12**
XA441	B12-100/2R1	XB922	100	50	34	25	**280.59**
XA442*	B12-160/2R1	XA605	160	80	53	40	**328.77**
XA443*	B12-200/2R1	XB922	200	100	67	50	**381.83**
XA444	B12-250/2R1	XA606	250	125	83	62	**421.14**
XA445	B12-360/2R1	XA606	360	180	120	90	**406.80**

*Two battery packs required.

Replacement bulb: Model No. XB338
Mfg. No. LP104 9 watt tungsten Price/Each $1.80

LEAD SEALED BATTERIES

Beghelli

Model No.	Mfg. No.	Description	Price/Each
XA604	BA645	6 volts 4.5 amp hour	**21.10**
XA605	BA6120	6 volts 12 amp hour	**27.96**
XA606	BA1233BB	12 volts 33 amp hour	**181.00**

Model No.	Mfg. No.	Description	Price/Each
XB921	BA-6-7.2	6 vols 7.2 amp hour	**21.23**
XB922	BA-12-7.2	12 volts 7.2 amp hour	**45.37**

R13742E

ECLIPSE EMERGENCY LIGHTS

- Low profile design is fast and easy to install
- Unit is standard polycarbonate with white finish
- Two 7.2 watt H.I.T. lamps provide even illumination
- Lamp position is interchangeable for forward or side illumination
- 120 Volt
- Automatically and instantly energizes lamp load upon failure of AC supply
- Pulse-Guard charger fully recharges battery in 24 hours
- AC on LED and test switch provided.
- Dimensions: 5" H x 12 3/8" W x 2 3/4" D
- Certified for sale in Canada by an accredited certification body

Model No.	Mfg. No.	Description	Price /Each
XA434	DEC0636	Light	**113.69**
XA435	ECL-2-L	Light w/AC Line Cord	**164.83**

EMERGENCY SECURITY LIGHT

- 2 head plug-in fully rechargeable emergency light is ideal for both residential and commercial use
- Turns on automatically when the power goes out
- Can operate for up to 2 hours when both lights are engaged (4 hours if one light is engaged)
- Choice of either shelf or wall mounting
- Certified for sale in Canada by an accredited certification body

Model No. XA456 Mfg. No. 32602
Price/Each $49.95

REPLACEMENT BULB
Model No. XB339 Mfg. No. 88909
Price/Each $2.49

MOTION SENSOR SECURITY LIGHTS

- Pre-wired outdoor lighting comes with a motion sensor to discourage intruders
- Can be wall or ceiling mounted
- Hidden controls
- Electric photocell allows unit to function at night only
- Detection area: 80' L x 40' W
- 125 volts
- Bulbs sold separately
- Certified for sale in Canada by an accredited certification body

Model No.	Mfg. No.	Description	Price /Each
XC366	79100	Brown	**28.99**
XA458	10522	White	**28.99**
REPLACEMENT BULBS			
XB134	14515	75W PAR 38 Flood light	**8.05**

MINI LUX CUBE – SECURITY LIGHTS

- Compact wall-mount fixture is ideal for both residential and commercial applications
- Polycarbonate housing with die-cast aluminum base mounts directly over an octagon box or use with surface conduit
- Medium base socket
- Overall dimensions: 11" L x 6 3/4" W x 5 1/4" D
- Includes lamp
- Ideal for applications such as perimeter and security lighting, parking areas, entrances, patios, walk- ways
- The 50W Model No. **XA379** and 70W Model No. **XA380** come complete with photocell
- Certified for sale in Canada by an accredited certification body

Model No.	Watts	Volts	Lamp Type	Ballast Type	Price /Each
XA378	35	120	HPS	NPF Reactor	**117.30**
XA379	50	120	HPS	NPF Reactor	**111.90**
XA380	70	120	HPS	NPF Reactor	**114.20**

R23846E

EMERGENCY LIGHTING

STELLA EXIT SIGNS

- C860 approved*
- All LED versions feature 120/347 VAC dual input (hardwire) and universal DC – 6 V, 12 V or 24 VDC
- LED uses only 1.1 watts
- Long life LED light source, 20-year life expectancy
- Snap-out chevron arrows
- 20-gauge steel construction with white baked powder coat paint finish
- Pre-stamped universal mounting and keyhole slots on backplate
- CSA certified

Beghelli

Model No. XB930 Exit
Mfg. No. ES-C860-L-R-U, 120/347
Price/Each $80.20

Model No. XB933 *Sortie*
Mfg. No. SS-C860-L-R-U, 120/347
Price/Each $122.00

AQUA EEMAC4X EXIT SIGNS

- C860 approved*
- EEMAC4X rated – water and dust tight signs
- EXIT and *SORTIE* models
- LED light source features 120/347 VAC
- LED uses only 1.1 watts
- Long life LED light source, 20-year life expectancy
- Snap-out chevron arrows
- Pre-stamped universal mounting and keyhole slots on backplate
- ABS thermoplastic grey finish body and white single face plate
- CSA certified

Model No. XB928 Exit
Mfg. No. EDRY-C860-L-R-1

Model No. XB931 *Sortie*
Mfg. No. SDRY-C860-L-R-1120/347V
Price/Each $673.50

Beghelli

STELLA COMBINATION SIGNS

- C860 approved*
- LED EXIT and *SORTIE* models 120/347 VAC dual input (hardwire)
- Push button test switch
- Self-powered for minimum 30 minutes – 6 VDC 36 W
- Solid state transfer charger
- Dual diagnostic LEDs indicate AC-ON and CHARGE
- Brownout and low voltage protection
- Two top mounted high impact thermoplastic PAR18 9 watt tungsten heads
- Snap-out chevron arrow
- 20-gauge steel construction with white baked powder coat paint finish
- CSA certified

Model No. XB929 Exit
Mfg. No. ES-C860-6-36LRU/2R1,9W

Model No. XB932 *Sortie*
Mfg. No. SS-C860-36-6LRU/2R1,9W
Price/Each $161.55

Beghelli

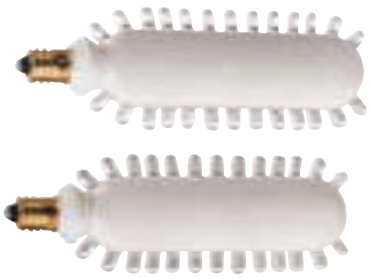
REPLACEMENT BULB

9 watt tungsten
Model No. XB338
Mfg. No. LP104
Price/Each $1.80

EXIT SIGN LED LAMP RETROFIT KITS

- Interchangeable bases: candelabra, intermediate and DCB bases standard with each lamp
- Ultra bright LED lamp for superior illumination
- Flat profile allows lamps to fit nearly every type of EXIT or *SORTIE* sign
- Optimized for 120 VAC input
- Only 1.4 watt per lamp
- 25-year life expectancy
- Simply screw out existing Exit lamps and screw in new LED lamps – up to 90% in energy savings over typical incandescent lamps
- Two lamps per pack

Beghelli



Model No. XB107
Mfg. No. REDLED-U-KIT/2
Price/Pack $41.87

LUMINI-LED EXIT SIGN RETROFIT KIT

- For 120 VAC or 347 VAC applications
- 1.1 watt
- Dimensions: 11 3/8" L x 1" W x 3/4" H
- 1-year warranty

Model No.	Description	Price/Each
XC459	Hard Wire	39.99
XC460	Includes candelabra, intermediate, medium and DC bayonet base	39.99

Beghelli

R23244E

BAY MASTER 400 – OPEN HIGH BAY LIGHTS

- Ideal for use in warehouses, manufacturing facilities and distribution centres
- Anodised spun aluminum reflector
- Die-cast aluminum ballast housing
- Mogul base pulse-rated socket
- Adjustable bracket allows for field setting for desired distribution
- Includes: hook with locking screw, pre-wired 3-ft. cord and lamp

XA492

Model No.	Watts	Volts	Lamp Type	Ballast Type	Reflector Dia."	Mounting	Price /Each
XA492	400	120/277/347	Metal Halide	CWA	16	Hook /Cord	**131.90**
XB072	250	120/277/347	HPS	CWA	16	Hook /Cord	**215.70**
XA493	400	120/277/347	HPS	CWA	16	Hook /Cord	**209.60**

LOW BAY STAR – COMPACT LOW BAY LIGHT

- White, 22" reflector offers a mixture of direct and indirect light in a wide, symetrical beam
- UV stabilized acrylic drop lens
- Ballast housing is made of die-cast aluminum
- Mogul base pulse-rated socket
- Includes: hook with locking screw, pre-wired 3-ft. cord and lamp

XB073

Model No.	Watts	Volts	Lamp Type	Ballast Type	Reflector Dia."	Mounting	Price /Each
XB074	400	120/277/347	Metal Halide	CWA	22	Hook /Cord	**357.70**

HIGH PRESSURE SODIUM WALL PACK

- HPS is energy efficient, lasts up to 12 times longer than incandescent floodlights
- Built-in light sensor automatically turns on at dusk and off at dawn
- High-impact injection-moulded polycarbonate housing
- Die-cast aluminum back plate
- Mounts on any vertical surface
- 70 W, 120/240 Volts
- Bulb included

Model No. XC578 Brown **Price/Each $79.96**

Model No. XC579 White **Price/Each $79.96**

XC578

LUX CUBE – WALLPACK SECURITY LIGHTS

- Die-cast aluminum wallpacks are moisture and dustproof
- Provides resistance to weather which results in increased longevity
- Face frame is hinged and secured to back box with 2 stainless steel screws
- Medium base (small) or mogul base (medium and large), pulse-rated socket

Model No.	Watts	Volts	Lamp Type	Ballast Type	Price /Each
SMALL OVERALL DIMENSIONS: 13" L x 9" W x 7 1/4" D					
XB076	70	120	HPS	NPF* Reactor	**141.20**
XB077	100	120	HPS	NPF* Reactor	**141.20**
XB086	175	120/277/347	Metal Halide	CWA	**173.50**
XB080	100	120/277/347	Metal Halide	CWA	**190.20**
MEDIUM OVERALL DIMENSIONS: 18" L x 9" W x 9 3/4" D					
XB085	250	120/277/347	HPS	CWA	**305.10**
XB087	250	120/277/347	Metal Halide	CWA	**305.10**
LARGE OVERALL DIMENSIONS: 18" L x 9" W x 12 3/4" D					
XB090	400	120/277/347	HPS	CWA	**303.40**
XB091	400	120/277/347	Metal Halide	CWA	**312.40**

* NPF = Normal Power Factor

MICRO ACE PLUS – COMPACT FLOODLIGHTS

- Versatile and economic light source for architectural, sign and landscape lighting
- Made of corrosion resistant die-cast aluminum in a bronze powder coat finish
- Tempered shock resistant glass
- Die-cast 1/2" threaded knuckle for aiming in any vertical degree
- Pin-hinged for easy lamp replacement
- Medium-base pulse-rated socket
- Dimensions: 9" L x 9" W x 8" D
- Includes lamp

Model No.	Watts	Volts	Lamp Type	Ballast Type	Price /Each
XA478	70	120	HPS	NPF Reactor	**127.50**
XA479	100	120	HPS	NPF Reactor	**131.30**
XA480	150	120	HPS	NPF Reactor	**127.50**
XB096	175	120/277/347	Metal Halide	CWA	**182.90**

R23568E

EXTENSION CORDS & OUTLETS

OUTDOOR VINYL EXTENSION CORDS

- Designed for industrial and contractor use
- Vinyl jacket protects against rough use, chemicals, and moisture and provides added flexibility
- Moulded-on and bonded plugs and connectors resist breaking

aurora tools®

3-CONDUCTOR SJTW, 300 VOLTS GROUNDING

Model No.	Length'	AWG	Amps	Watts	Colour	Price /Each
HEAVY-DUTY						
XC482	25	14/3	15	1875	Orange	**26.95**
XC483	50	14/3	15	1875	Orange	**38.80**
XC484	100	14/3	13	1625	Orange	**68.10**
EXTRA HEAVY-DUTY						
XC485	25	12/3	15	1875	Yellow	**29.20**
XC486	50	12/3	15	1875	Yellow	**53.50**
XC487	100	12/3	15	1875	Yellow	**89.80**

XC485

OUTDOOR VINYL TRIPLE TAP EXTENSION CORDS

- Designed for industrial and contractor use
- Vinyl jacket protects against rough use, chemicals, and moisture
- Vinyl jacket provides added flexibility
- Moulded-on and bonded plugs and connectors resist breaking

aurora tools®

3-CONDUCTOR SJTW, 300 VOLTS GROUNDING

Model No.	Length'	AWG	Amps	Watts	Colour	Price /Each
HEAVY-DUTY						
XC488	25	14/3	15	1875	Red	**34.60**
XC489	50	14/3	15	1875	Red	**58.40**
XC490	100	14/3	13	1625	Red	**86.55**
EXTRA HEAVY-DUTY						
XC491	25	12/3	15	1875	Red	**42.75**
XC492	50	12/3	15	1625	Red	**65.95**
XC493	100	12/3	15	1625	Red	**97.30**

XC491

OUTDOOR VINYL TRIPLE TAP EXTENSION CORDS

- Designed for use by contractors and industrial personnel
- *Nuflex-2*™ jacket protects against rough use, chemicals, moisture, ozone and gives added flexibility at below freezing temperatures
- Moulded-on and bonded vinyl plugs and connectors resist breaking or pulling off cord
- **XA719, XA720, XA721** are *No Overload*® circuit breaker extension cords

PRIME®

3-CONDUCTOR SJTW, 300 VOLTS GROUNDING

Model No.	Length'	AWG	Amps	Watts	Colour	Qty /Case	Price /Each
HEAVY-DUTY							
XA719	25	14/3	15	1875	Red	12	**38.32**
XA720	50	14/3	15	1875	Red	6	**69.70**
XA721	100	14/3	13	1625	Red	4	**115.71**
EXTRA HEAVY-DUTY							
XA722	25	12/3	15	1875	Yellow	12	**44.20**
XA723	50	12/3	15	1875	Yellow	6	**80.89**
XA724	100	12/3	15	1875	Yellow	4	**125.54**

NEMA 5-15P

NEMA 5-15R

XA719

Call us for quantity pricing!

R25893E

ALL WEATHER TPE-RUBBER EXTENSION CORDS WITH LIGHT INDICATOR

- Designed for industrial and contractor use
- All weather jacket provides ultra flexibility and superior performance in extreme climate conditions at temperatures from -14°C to 105°C
- Provides outstanding resistance against rough use, sunlight, chemicals and moisture
- Water resistant and flame retardant
- Lighted connectors allow you to see when the power is in use
- Moulded-on and bonded plugs and connectors resist breaking

XC500

aurora tools®

3-CONDUCTOR SJEOW, 300 VOLTS GROUNDING

Model No.	Length'	AWG	Amps	Watts	Colour	Price /Each
HEAVY-DUTY						
XC500	25	14/3	15	1875	Blue/Orange	**29.20**
XC501	50	14/3	15	1875	Blue/Orange	**48.65**
XC502	100	14/3	15	1625	Blue/Orange	**85.50**
EXTRA HEAVY-DUTY						
XC503	25	12/3	15	1875	Blue/Orange	**41.85**
XC504	50	12/3	15	1875	Blue/Orange	**58.40**
XC505	100	12/3	15	1875	Blue/Orange	**109.00**

ARCTIC BLUE™ ALL-WEATHER TPE-RUBBER LITE END EXTENSION CORDS

- *Prime-Flex2™* cords are designed for use by contractors and industrial personnel, providing an all weather cordset made for outstanding performance in extreme climate conditions at temperatures from -58°F to 221°F
- One-third lighter than ordinary cords
- Provides superior resistance to sunlight, ozone, cracking, oils and chemicals and are outstanding in resistance to abuse, rough handling and wear
- Flame retardant and water resistant
- Distinctive orange stripe extruded into the cord
  Prime *Lok™* keeps connections from coming loose due to vibrations
  Lighted connector allows you to see the power is on

XB895

NEMA 5-15P

NEMA 5-15R

PRIME®

3-CONDUCTOR SJEOW, 300 VOLTS GROUNDING

Model No.	Length'	AWG	Amps	Watts	Colour	Qty /Case	Price /Each
HEAVY-DUTY							
XB894	25	14/3	15	1875	Blue/Orange	12	**28.79**
XB895	50	14/3	15	1875	Blue/Orange	6	**53.31**
XB896	100	14/3	13	1625	Blue/Orange	4	**89.79**
EXTRA HEAVY-DUTY							
XB897	25	12/3	15	1875	Blue/Orange	12	**37.68**
XB898	50	12/3	15	1875	Blue/Orange	6	**62.45**
XB899	100	12/3	15	1875	Blue/Orange	4	**122.20**

ARCTIC BLUE™ ALL-WEATHER TRIPLE TAP TPE-RUBBER LITE END EXTENSION CORDS

- *Prime-Flex2™* cords are designed for use by contractors and industrial personnel
- All weather cordset made for outstanding performance in extreme climate conditions at temperatures from -58°F to 221°F
- Superior resistance to ozone, oils, chemicals and rough handling
- Flame retardant and water resistant

XB904

NEMA 5-15R

NEMA 5-15P

PRIME®

3-CONDUCTOR SJEOW, 300 VOLTS GROUNDING

Model No.	Length'	AWG	AMPS	Watts	Colour	Qty /Case	Price /Each
EXTRA HEAVY-DUTY							
XB902	25	12/3	15	1875	Blue/Orange	12	**51.35**
XB903	50	12/3	15	1875	Blue/Orange	6	**88.84**
XB904	100	12/3	15	1875	Blue/Orange	4	**138.77**

R25894E

EXTENSION CORDS & OUTLETS

OUTDOOR VINYL EXTENSION CORDS WITH LIGHT INDICATOR

- Designed for industrial and contractor use
- Vinyl jacket protects against rough use, chemicals, and moisture
- Ultra flexible cord
- Lighted connectors allow you to see when the power is in use
- Moulded-on and bonded plugs and connectors resist breaking
- Water resistant and flame retardant

XC494

3-CONDUCTOR SJTOW, 300 VOLTS GROUNDING, OIL RESISTANT

aurora tools®

Model No.	Length'	AWG	Amps	Watts	Colour	Price /Each
EXTRA HEAVY-DUTY						
XC494	25	12/3	15	1875	Yellow	**36.70**
XC495	50	12/3	15	1875	Yellow	**62.75**
XC496	100	12/3	15	1875	Yellow	**104.00**

OUTDOOR TRIPLE TAP VINYL EXTENSION CORDS WITH LIGHT INDICATOR

- Same great features as outdoor single tap vinyl extension cords but with a lighted triple tap connector

XC497

3-CONDUCTOR SJTOW, 300 VOLTS GROUNDING, OIL RESISTANT

aurora tools®

Model No.	Length'	AWG	Amps	Watts	Colour	Price /Each
EXTRA HEAVY-DUTY						
XC497	25	12/3	15	1875	Yellow	**44.75**
XC498	50	12/3	15	1875	Yellow	**66.30**
XC499	100	12/3	15	1875	Yellow	**115.00**

INDOOR/OUTDOOR STANDARD DUTY EXTENSION CORDS

- Designed for light industrial, contractor, and home use
- Durable SJTW jacket protects against ultraviolet rays, chemicals and moisture
- Extremely flexible jacket
- Moulded-on and bonded plugs and connectors resist breaking

XC630

3-CONDUCTOR SJTW, 125 VOLTS GROUNDING

aurora tools®

Model No.	Length'	AWG	Amps	Watts	Colour	Price /Each
XC630	10	16/3	13	1625	Orange	**8.70**
XC631	15	16/3	13	1625	Orange	**11.65**
XC632	25	16/3	13	1625	Orange	**16.55**
XC633	50	16/3	13	1625	Orange	**33.95**

Call us for all your Instrument & Electrical requirements!

R25895E

NEON FLEX™ HIGH VISIBILITY FLUORESCENT COLOUR OUTDOOR LITE END EXTENSION CORDS

- Combine all the features of a standard vinyl outdoor extension cord with ultra-high-visibility fluorescent colours
- Brighter than other colored cords and also extremely shiny
- Flame retardant and water resistant
- Lighted connector allows you to see when the power is on
- Ulltra flexible, contractor tough

XB891

NEMA 5-15P

NEMA 5-15R

3-CONDUCTOR SJTW, 300 VOLTS GROUNDING

Model No.	Length'	AWG	AMPS	Watts	Colour	Qty /Case	Price /Each
EXTRA HEAVY-DUTY							
XB890	50	12/3	15	1875	Neon Green	6	**68.86**
XB891	100	12/3	15	1875	Neon Green	4	**120.52**
XB892	50	12/3	15	1875	Neon Pink	6	**68.87**
XB893	100	12/3	15	1875	Neon Pink	4	**120.52**

THE PRO-TEC-TOR™ CIRCUIT BREAKER EXTENSION CORD

- The only extension cord with a circuit breaker that can be reset right at the outlet end
- Protects cord set from equipment overload, which can cause electrical fires
- Safety yellow SJTW cord
- Certified for sale in Canada by an accredited certification body

XA055

XA073

Model No.	Description	Wire Ga/Cond.	Voltage	Cord Length'	Rating Amps	Price /Each
HEAVY-DUTY						
XA073	Single Outlet	14/3	125	50	15	**61.10**
XB983	Triple Outlet	14/3	125	6	15	**20.20**
XA054	Triple Outlet	14/3	125	25	15	**38.90**
XA059	Triple Outlet	14/3	125	50	15	**61.30**
CONTRACTOR-DUTY						
XC057	Triple Outlet	12/3	125	25	15	**52.20**
XA055	Triple Outlet	12/3	125	50	15	**86.70**
XA056	Triple Outlet	12/3	125	100	15	**144.50**

HEAVY-DUTY NEOPRENE EXTENSION CORDS

- Designed to provide longer life in the most demanding environments, such as industrial, mining, and construction sites
- Made of heavy-duty rubber suitable for indoor and outdoor applications requiring flexibility and mechanical toughness
- Exceptional resistance to oil, moisture, ozone, sunlight, chemicals, cuts, cracking, and abrasions
- Stays flexible, even at -40°C (-40°F) and resists heated objects and oils up to 90°C (194°F)
- 600 V SOOW cable has oil-resistant double-thick outer jacket and oil-resistant inner insulation
- Includes rugged nylon plug and connector rated for 125 V 15 A (NEMA 5-15)
- Certified for sale in Canada by an accredited certification body

XA254

Model No.	Length'	Gauge	Price /Each
XA071	25	16/3	**75.60**
XA260	50	16/3	**102.70**
XA255	100	16/3	**166.70**
XA253	25	14/3	**95.60**
XA254	50	14/3	**152.50**
XA252	100	14/3	**253.40**

R26248E

EXTENSION CORDS & OUTLETS

GFCI'S ARE COMPLEX DEVICES THAT SAVE LIVES AND PROTECT EQUIPMENT EVERY DAY IN TOUGH WORK ENVIRONMENTS. WHETHER IT IS DUE TO WATER OR DAMAGED EQUIPMENT AND CORDS, GROUND FAULTS CAN OCCUR QUICKLY AND, IF NOT RESOLVED IMMEDIATELY, CAN RESULT IN SEVERE INJURY OR ELECTROCUTION.

A GFCI, BY STANDARDS DEFINITION, MUST TRIP THE CIRCUIT IF A GROUND FAULT OCCURS WITH A MAXIMUM OF 6 MA OF CURRENT LOSS TO GROUND. IF A GROUND FAULT IS SENSED, A CLASS A GFCI WILL TRIP IN LESS THAN 25 MS, PROTECTING YOU AND YOUR WORKERS.

RULE 76-016 OF THE CANADIAN ELECTRICAL CODE (2006 AND 2009) STATES THAT, ON DEMOLITION AND CONSTRUCTION PROJECTS, ALL 15 A AND 20 A TEMPORARY RECEPTACLES (E.G. EXTENSION CORDS) MUST BE PROTECTED WITH A CLASS A TYPE GFCI.

MANY PROVINCES ALSO REQUIRE THAT ALL RECEPTACLES USED TO POWER PORTABLE TOOLS AND EQUIPMENT MUST BE PROTECTED WITH A CLASS A GFCI.

GFCI PROTECTED TRI-CORD

- Features three NEMA 5-15R receptacles at the end of a heavy-duty molded T-head
- Perfect for outdoor, rugged, construction type environments
- 2' 12/3 SJTW cord
- 120 V/15 A
- Available with right angle plug (**XA468**) or with in-line plug (**XC519**)
- Certified for sale in Canada by an accredited certification body

Model No. XA468
Price/Each $77.80

Model No. XC519
Price/Each $68.50

LIND EQUIPMENT

PLUG & CORD SET

- Ideal for use with any equipment used in or around wet areas
- Rainproof rated with booted test and reset buttons
- 9" 14/3 SJTW cord
- NEMA 5-15 P & R, 120 V/15 A
- Certified for sale in Canada by an accredited certification body

Model No. XA463
Price/Each $63.80

LIND EQUIPMENT

GFCI QUAD OUTLET BOX

- Four GFCI protected NEMA 5-15R outlets enclosed in an impact resistant polymer case with spring-loaded covers
- 15 A "fast breaker" is built into the box for convenient reset should an overload condition occur
- 6' 12/3 SJTW cord
- 120 V/15 A
- Certified for sale in Canada by an accredited certification body

Model No. XA467
Price/Each $161.80

LIND EQUIPMENT

GFCI DOUBLE OUTLET BOX

- Two GFCI protected NEMA 5-15R outlets enclosed in an impact resistant case
- Spring loaded cover protects the duplex outlet
- 6' 12/3 SJTW cord
- 120 V/15 A
- Certified for sale in Canada by an accredited certification body

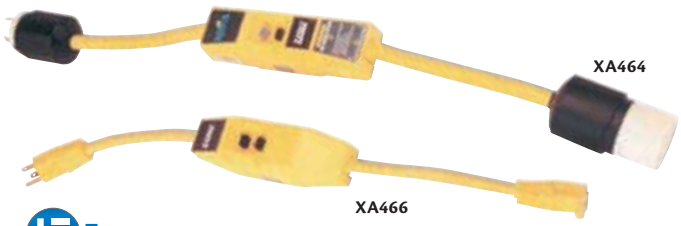
Model No. XA237
Price/Each $96.90

LIND EQUIPMENT

IN-LINE GFCI CORD SETS

- Excellent for use with high pressure washers, power drain snakes, submersible pumps and any equipment used in or around wet areas
- Rainproof rated with booted test and reset buttons
- Standard 14" length (other lengths available upon request)
- Certified for sale in Canada by an accredited certification body

NOTE: **XA466** includes 120 V/20 A straight blade ends
XA464 includes 120 V/30 A twist-lock ends



LIND EQUIPMENT

Model No.	Cord Type	NEMA P & R	Volts /Amps	Price /Each
XA465	14/3 SJTW	5-15	120 V/15 A	73.10
XA466	12/3 SJTW	5-20	120 V/20 A	138.90
XA464	10/3 SJTW	L5-30	120 V/30 A	268.90

GFCI INLINE SHOCKSAFE® PROTECTOR

- Triple lighted tap
- 3' 12/3 SJTW cord
- 125 V / 15A

Model No. XC614
Price/Each $42.99

PRIME®

R29648E

GFCI OUTLET ADAPTORS W/SURGE PROTECTION

- Small size (less than 3" H x 2" W) makes them ideal for the toolbox
- Model **XA460** is white; model **XB069** is yellow and includes booted test and reset buttons
- NEMA 5-15 P & R, 120 V/15 A
- Certified for sale in Canada by an accredited certification body

Model No. XA460
Price/Each $35.00

Model No. XB069
Price/Each $38.60

USER ATTACHABLE GFCI PLUG

- Replaces any standard NEMA 5-15 P plug on cords between 12-18 AWG (SJT)
- For use where the GFCI is needed as a permanent part of the tool or appliance
- Rainproof rated with booted test and reset buttons
- NEMA 5-15 P, 120 V/15 A
- Certified for sale in Canada by an accredited certification body

Model No. XA462
Price/Each $59.90

LIND EQUIPMENT

USER ATTACHABLE INLINE GFCI

- Easily wires onto cord between 12-18 AWG (SJT)
- Can be placed at any location on the cord set
- Rated for up to 20 amps to allow fo use on equipment that operates on either a 15 A or 20 A circuit
- For use where the GFCI is needed as a permanent part of the tool or appliance
- Rainproof rated with booted test and reset buttons
- 120 V/20 A
- Certified for sale in Canada by an accredited certification body

Model No. XB070
Price/Each $80.00

FIRE SHIELD™ - THE WORLD'S SAFEST SURGE STRIPS

- The only power strips that provide surge, overload, cord fire, and ground fault protection
- Braided shielding surrounds the conductors and allows the plug-mounted electronics to monitor for insulation and conductor breakdown
- Protects people and equipment from ground faults of 4 - 6 mA or higher by interrupting the power in less than 25 milliseconds
- Lighted switch features a built-in circuit breaker
- All models include 14/3 cable and are rated for 125 V/15 A 50/60 Hz
- Certified for sale in Canada by an accredited certification body

XA461

XB343

LIND EQUIPMENT

Model No.	Outlets	Cord Length'	Phone/Fax/ Modem	Cable /Coax	Joule Rating	Connected Equipment Warranty	Price /Each
XA461	6	3	No	No	750	$5,000	**42.00**
XB343	5 + 3 transformer	6	1 in / 1 out	1 in / 1 out	1800	$25,000	**87.10**

R29649E

EXTENSION CORDS & OUTLETS

GFCI & CIRCUIT TESTER

- Tests and indicates condition of GFCI's and circuits
- Easy-to-read indicator lights display wiring errors
- Meter produces adjustable mA test impulses at 4-second intervals
- Increasing the test impulse setting until the GFI trips, will determine the leakage-current trip point for the GFCI under test

ADJUSTABLE TEST IMPULSES:
0 mA and 3 mA trip - unit too sensitive
5 mA and 7 mA trip - unit acceptable
10 mA and 30 mA trip - unit not safe

LIND EQUIPMENT

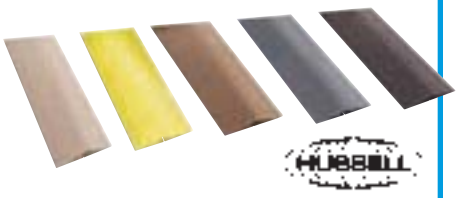
Model No.	Description	Price /Each
HC704	GFCI and Circuit Tester	229.82
HA292	Deluxe Case	82.15

FLOORTRAK

FloorTrak is a non-metallic flexible cover for cables that run over the floor. When portable cords and cables cannot be concealed or routed away from traffic patterns, portable *FloorTrak* protects, organizes, and reduces tripping hazards. Three different sizes mean it will handle cables up to 3/4" in diameter.

DIMENSIONS OF FLOORTRAK

FloorTrak	2	3	4
Width	2.75"	3.00"	3.25"
Height	0.53"	0.75"	1.10"
Ctr. Hole	0.50" x 0.31"	0.75" x 0.50"	1.12" x 0.75"



HUBBELL

Model No.							
Black	Brown	Beige	Grey	Yellow	Description	Length'	Price /Each
XA042	XA038	XA005	XA001	XA039	*Floortrak* 2	10	30.50
XA009	XA041	XA040	XA006	XA245	*Floortrak* 3	5	22.92
XA043	-	-	-	XA046	*Floortrak* 4	5	28.35

3-FUNCTION CIRCUIT, GFCI, & POWER QUALITY TESTER

- Wiring analyzer works with standard and GFCI outlets to indicate line, neutral, and ground wiring integrity
- GFCI tester checks both the high and low ground fault trip threshold to ensure safe GFCI functioning without nuisance tripping
- Power quality monitor identifies excessive voltage drop

Model No. XB071
Price/Each $38.90

LIND EQUIPMENT

6000-25G WIND-UP EXTENSION CORD

- Rated for 10 A, 125 V
- 25' 16/3 SJT cable
- Includes 4-grounded outlets, circuit breaker and carrying handle

Model No. XC011
Price/Each $41.70

LIND EQUIPMENT

7000WR PRO-REEL™ CORD CARRIER

- Stores up to 100' of 14/3 extension cord
- Made of heavy-duty, high impact plastic for durability
- Mounts on wall (bracket and template included)

Model No. XA761
Price/Each $57.30

LIND EQUIPMENT

LIND EQUIPMENT
WORK CONFIDENTLY.
WE'VE BEEN HELPING TOUGH WORKING PEOPLE LIKE YOU WORK CONFIDENTLY FOR OVER 60 YEARS.
ISN'T IT TIME YOU GOT TO KNOW US BETTER?
+ HAZARDOUS LOCATION LIGHTING
+ STATIC BONDING & GROUNDING
+ INDUSTRIAL LIGHTING
+ CORD REELS
+ GFCI
WWW.LINDEQUIPMENT.NET

R25766E

750 JOULES 6-OUTLET SURGE PROTECTOR

- Provides extra power for home electronics
- Features high energy joule rating
- *Safe Power*™ auto shut-off safeguard
- $100,000 connected equipment warranty
- White

Model No. XC299
Price/Each $13.72

PRIME®

SURGE PROTECTOR POWER BAR

- 6 outlets
- 125V / 15A, 1875W
- 400 Joules
- Auto shut-off safeguard
- $100,000 connected equipment warranty

Model No. XC616
Price/Each $9.45

PRIME®

ROTATING SURGE TAP

- 6 protected grounded rotating outlets
- 2160 Joules, 15 A / 125 V
- Auto shut-off safeguard
- $300,000 connected equipment warranty

Model No. XC621
Price/Each $19.92

PRIME®

LIGHT DUTY SURGE SUPPRESSOR

- Power rating: 125 V AC, 15 A, 1875 W, 60 Hz
- Maximum spike energy dissipation: 90 joules
- Clamping voltage: 330 V AC (UL 1449)
- Maximum surge voltage: 6000 V
- Maximum spike current: 4500 A
- Clamping response time: 1 n.sec.
- Lighted switch with built-in circuit breaker
- 36", 14/3 heavy-duty cord with moulded grounded plug
- Durable textured case
- 6 grounded outlets

Model No. XA088
Price/Each $8.29

globe

4', 12-OUTLET POWER BAR

- Provides extra power for home electronics
- 6', 14/3 extension cord
- Lighted on/off circuit breaker
- Mounting hardware included
- 5-year warranty

Model No. XC291
Price/Each $41.61

PRIME®

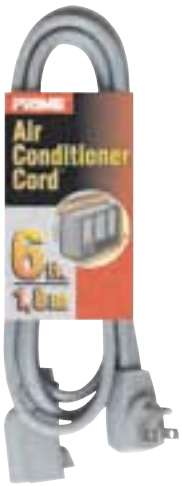
AIR CONDITIONER & MAJOR APPLIANCES EXTENSION CORDS

- Moulded-on bonded vinyl plugs and connectors will not break off or pull
- Cord resists cracking and breaking
- 3-conductor SPT-3
- 15 A, 1875 W
- 14/3 SPT cable

PRIME®

Model No.	Length'	Qty /Case	Price /Each
XC156	3	36	6.30
XC157	6	30	9.28

For air conditioners, please see page 394



WORKSHOP STRIPS

- Additional grounding outlets from a single outlet source
- Metal housing
- 6' 14/3 cord
- 15 A, 1875 W
- Includes metal housing and a lighted on/off circuit breaker switch for overload protection
- 5-year warranty

PRIME®

XC040

Model No.	Description	Qty /Case	Price /Each
XC040	Cord wrap, 8 outlets, yellow	6	29.91

ALL-PURPOSE PLUG STRIP

- Provides all mode protection for all outlets
- LED indicates protection is active
- 6-outlets plug strip with 6' cord
- ANSI/IEEE Categories A and B C-62.41 and C-62.45, UL 1449 #E146315 and CSA #LR-94773 certified
- Covered by a lifetime limited warranty

Model No. XC183
Price/Each $40.20

LEVITON

R29650E

TAPES

ELECTRICAL TAPE

- Vinyl plastic
- Excellent recovery, moulds snugly to any surface
- Ideal for electrical splicing and insulation; protection against solvents and corrosion
- For use between -7°C and 80°C
- Thickness: 7 mils
- CSA approved

Priced per Roll

Model No.	Colour	Dimensions	Price /Each	Qty	Qty Price /Each
PA665	Black	3/4" x 60' (18 mm x 18 m)	**0.84**	40	**0.76**
XC545	Red	3/4" x 66' (18 mm x 20.1 m)	**0.95**	40	**0.87**
XC546	Green	3/4" x 66' (18 mm x 20.1 m)	**0.95**	40	**0.87**
XC547	Blue	3/4" x 66' (18 mm x 20.1 m)	**0.95**	40	**0.87**
XC548	White	3/4" x 66' (18 mm x 20.1 m)	**0.95**	40	**0.87**
XC549	Yellow	3/4" x 66' (18 mm x 20.1 m)	**0.95**	40	**0.87**

TEMFLEX™ 1700 ELECTRICAL TAPE

- General purpose, flexible vinyl tape
- Temperature range: -10°C/80°C
- Thickness: 7 mils
- UL and CSA approved

Priced per Roll

Model No.	Dimensions	Roll /Case	Price /Each	Qty	Qty Price /Each
PC695	3/4" x 60' (19 mm x 18 m)	100	**0.85**	40	**0.80**

SCOTCH® SUPER 88 TAPE

- All weather vinyl tape
- Heavy-duty, premium grade
- Abrasion resistant
- Temperature rating: 220°F/105°C
- Thickness: 8.5 mils
- UL and CSA approved

Priced per Roll

Model No.	Dimensions	Roll /Case	Price /Each	Qty	Qty Price /Each
PC694	3/4" x 66' (19 mm x 20.1 m)	100	**8.07**	10	**7.51**

COLOURFLEX™ TAPE

- Colour coding vinyl tape
- Thickness: 7 mils

Priced per Roll

Model No.	Colour	Dimensions	Roll /Case	Price /Each	Qty	Qty Price /Each
XC316	Blue	3/4" x 60'	100	**1.07**	30	**1.01**
XC317	Green	3/4" x 60'	100	**1.07**	30	**1.01**
XC318	Red	3/4" x 60'	100	**1.07**	30	**1.01**
XC319	White	3/4" x 60'	100	**1.07**	30	**1.01**
XC320	Yellow	3/4" x 60'	100	**1.07**	30	**1.01**
XC321	Orange	3/4" x 60'	100	**1.07**	30	**1.01**

SCOTCH® 130C LINERLESS RUBBER SPLICING TAPE

- Highly conformable, linerless Ethylene Propylene Rubber (EPR), high-voltage insulating tape that provides excellent thermal dissipation of splice heat
- Meets industry specifications and has excellent physical and electrical properties which provide immediate moisture seal and void-free buildups
- Rated up to 194°F (90°C) continuous operating temperatures and short term 266°F (130°C) overload service
- No liner makes job easier, saves time and lowers installation costs
- Excellent thermal dissipation
- Thickness: 30 mils

Priced per Roll

Model No.	Dimensions	Rolls/Case	Price/Each	Qty	Qty Price/Each
XC323	1" x 30'	24	**20.72**	3	**19.06**

SCOTCH® SUPER 33 TAPE

- Premium grade vinyl electrical insulating tape for splices up to 600 V
- Aggressive adhesive and elastic backing ensures easy conformation to irregular surfaces for moisture tight electrical and mechanical protection
- Resists UV rays, abrasion, corrosion, alkalis and acids
- Flame retardant
- Will perform in a continuous temperature environment up to 220°F (105°C)
- Conformable for cold weather applications: 0°F (-18°C)
- Thickness: 7 mils
- UL and CSA approved

Priced per Roll

Model No.	Dimensions	Roll /Case	Price /Each	Qty	Qty Price /Each
PC693	3/4" x 66' (19 mm x 20.1 m)	100	**7.22**	10	**6.71**

SCOTCH® 35 COLOUR CODED TAPE

- Premium grade vinyl electrical colour-coding tape
- Stretches to conform to virtually any shape that requires colour-code insulation
- Excellent mechanical and insulation properties, wraps smoothly and holds tight over wide range of temperatures
- Resists UV rays, abrasions, corrosion, alkalis, and acids
- Flame retardant
- Temperature rating: 220°F/105°C
- Thickness: 7 mils
- UL and CSA approved

Priced per Roll

Model No.	Colour	Dimensions	Rolls /Case	Price /Each	Qty	Qty Price /Each
PC696	Blue	1/2" x 20'	100	**2.19**	20	**2.06**
PC720	Green	1/2" x 20'	100	**2.19**	20	**2.06**
PC721	Red	1/2" x 20'	100	**2.19**	20	**2.06**
PC722	White	1/2" x 20'	100	**2.19**	20	**2.06**
PC723	Yellow	1/2" x 20'	100	**2.19**	20	**2.06**
XC309	Orange	1/2" x 20'	100	**2.19**	20	**2.06**
XC310	Blue	3/4" x 66'	100	**7.33**	10	**6.82**
XC311	Green	3/4" x 66'	100	**7.33**	10	**6.82**
XC312	Red	3/4" x 66'	100	**7.33**	10	**6.82**
XC313	White	3/4" x 66'	100	**7.33**	10	**6.82**
XC314	Yellow	3/4" x 66'	100	**7.33**	10	**6.82**
XC315	Orange	3/4" x 66'	100	**7.33**	10	**6.82**

SCOTCH® 27 GLASS CLOTH ELECTRICAL TAPE

- Ideal for electrical maintenance applications
- Woven glass cloth tape with a rubber thermosetting pressure-sensitive adhesive
- Edge-tear resistant, conformable, abrasion resistant
- For use as a coil cover, anchor, banding and core, layer and crossover insulation, and for heat-stable insulation for furnace and oven controls, motor leads, and switches
- Thickness: 7 mils
- UL recognized 130°C/266°F

Priced per Roll

Model No.	Dimensions	Rolls/Case	Price/Each	Qty	Qty Price/Each
XC322	3/4" x 66' (19 mm x 20.1 m)	50	**23.95**	10	**22.03**

R28122E

XA387

XA679

XA389

MAG-LITE® MINI

MINI MAGLITE®

MINI MAGLITE® AA-CELL

- High-strength aluminum alloy case
- 1/2 turn, twist focus, spot-to-flood
- Candle mode for convenient hands free light
- Spare lamp safely secured in the tail cap
- O-ring sealed for water resistance
- Includes: 2 AA alkaline batteries in all package types

MINI MAGLITE® AAA-CELL

- High-strength aluminum alloy case
- Twist focus, spot-to-flood
- Spare lamp safely secured in the tail cap
- O-ring sealed for water resistance
- Includes: Pocket clip and 2 AAA alkaline batteries

SOLITAIRE® AAA-CELL

- High-strength aluminum alloy case
- Less then 1 oz. and about 3" in length
- Spare lamp safely secured in the tail cap
- Includes: One AAA alkaline battery and key lead lanyard

Model No.	Description	Wt. lbs.	Price/Each
MINI MAG-LITE® AA-CELL			
XA669	Blister Pack	0.3	24.92
XA387	Presentation Box	0.4	25.49
XA678	Holster Pack	0.4	28.09
XA679	Combo Pack	0.4	28.12
MINI MAG-LITE® AAA-CELL			
XA680	Blister Pack	0.2	19.00
XA388	Presentation Box	0.3	19.38
SOLITAIRE®			
XA681	Black, Blister Pack	0.2	12.31
XA389	Black Presentation Box	0.2	12.29
XA683	Blue Presentation Box	0.2	12.29
REPLACEMENT BULBS			
XA701	Solitaire® Replacement Bulb		5.08
XA703	Replacement Bulb, fits AA and AAA		5.11
BATTERIES			
XB872	Replacement Batteries, AA, 24/pkg.		17.99
XB873	Replacement batteries, AAA, 24/pkg.		22.95

MAG-LITE® C-CELL & D-CELL

- Cam driven beam changes from flood to spot with a turn of the head
- Anodized aircraft aluminum with knurled grip enhances conductivity, increases durability, reduces oxidation and battery damage
- *White Star* krypton lamp provides 70% more light than a standard PR2 lamp
- Spare krypton lamp included in tail cap
- Rubber O-rings ensure resistance to water and shock
- Batteries not included

MAG-LITE® The Professional Flashlight®

Model No.	Description	Price/Each
XA381	2 C-Cell Flashlight	40.39
XA382	3 C-Cell Flashlight	42.00
XA383	4 C-Cell Flashlight	43.56
XA384	2 D-Cell Flashlight	44.17
XA385	3 D-Cell Flashlight	45.75
XA386	4 D-Cell Flashlight	47.29
XC443	6 D-Cell Flashlight	51.27
REPLACEMENT BULBS		
XA704	White Star Krypton Bulb for 2 Cell	5.11
XA705	White Star Krypton Bulb for 3 Cell	5.11
XA706	White Star Krypton Bulb for 4 Cell	5.11
BATTERIES		
XB874	Replacement Batteries C-Cell, 12/Pkg.	19.40
XB875	Replacement Batteries D-Cell, 12/Pkg.	21.49

MINI MAG-LITE® MAG LED®

- Powerful projecting LED beam that focuses simply by rotating the head
- *Balanced Optics™* combines a highly refined reflector with a performance enhanced LED yielding high output intensity
- Intelligent Energy Source Management allows the user choose the power level
- Multi-mode electronic switch: 100% power, 25% power, blink, SOS
- Length: 6.6"
- Barrel diameter: 0.7"; head diameter: 1"
- Weight with batteries: 4.15 oz.
- Includes: 2 AA size alkaline batteries and belt holster

MINI MAGLITE® LED

MAG-LITE® MAG LED®

- Powerful projecting LED beam that focuses spot to flood simply by rotating the head
- Balanced Optics™ combines a highly refined reflector with a performance enhanced LED, for a brilliant adjustable beam
- Intelligent Energy Source Management balances high brightness with extended battery life
- Rugged, machined aluminum construction with knurled design
- Anodized inside and out for improved corrosion resistance
- Water and shock resistant
- Batteries not included

MAGLITE® LED

Model No.	Mfg. No.	Description	Price /Each
XC238	SP2201H	*Mini-Mag-Led®* Flashlight, 2 AA Cells	41.30
XC239	ST2D016	*Mag-Led®* Flashlight, 2 D Cells	57.26
XC240	ST3D016	*Mag-Led®* Flashlight, 3 D Cells	58.89
BATTERIES			
XB872		Replacement Batteries AA, 24/Pkg.	17.99
XB875		Replacement Batteries D-Cell, 12/Pkg.	21.49

R25025E

FLASHLIGHTS

MAG-LITE® RECHARGEABLE SYSTEM

- Easily replaced high-intensity halogen lamp
- 1/4 turn, cam action focus, spot-to-flood
- Self-cleaning rotary switch, 3-position, On, Off, and Signal (Manual, Momentary On-Off)
- Charger operates on AC or DC current
- Aluminum contact rings allow charging in any position
- Up to 1000 hrs. of battery life
- Highly polished, scientifically designed, metallic reflector, withstands extreme temperatures
- High quality tempered glass lens
- Length: 12 1/2" long
- Durable extra hard anodized finish
- Flashlight weight: 2 lbs.
- System includes: Flashlight, charging unit, battery pack, 12V DC adapter, 120 V AC converter, and 2 mounting brackets

Model No. XA390 Price/Each $206.09

MAGCHARGER® RECHARGEABLE FLASHLIGHT SYSTEM

REPLACEMENT BULB

Model No. XA707 Price/Each $9.59

MAG-LITE® FLASHLIGHT ACCESSORIES

MAG-LITE® The Professional Flashlight®

XB347

XC386

XB344

XB345

XC084

XC083

XC082

Model No.	Description	Price /Each
XB344	Belt Holster, Black Leather for 2 AA-Cell	12.31
XB345	Belt Holster, Black Nylon for 2 AA-Cell	6.83
XC386	Belt Holster, Camouflage Nylon for 2 AA-Cell	7.28
XB347	Belt Holster for D-Cell	9.48
XC080	Rubber Anti-Roll Device/Lens Holder; Red, Clear & Blue Lenses; 2 D-Cell Mounting Brackets for D-Cell	16.02
XC081	Red, Blue & Clear Lenses; Anti-Roll Device/Lens Holder; Wrist Lanyard; Pocket Clip for 2 AA-Cell	7.40
TRAFFIC WAND KITS WITH REFLECTIVE TAPE		
XC082	Red, for C-Cell and D-Cell only	6.17
XC083	Yellow, for C-Cell and D-Cell only	6.17
XC084	White, for C-Cell and D-Cell only	6.17

XC081

XC080

R25026E

NANO LIGHT®

- This super-bright, truly tiny, "take anywhere with you" flashlight attaches to just about anything from a key chain to a coat zipper or D-ring
- 5 mm White LED is impervious to shock and has a 100,000 hour lifetime - never needs to be replaced
- Runtime: Up to 8 hrs of declining useable light
- White LED delivers up to 10 lumens
- Parabolic shaped LED area optimizes beam performance
- Rotating head "on-off"
- Non-rotating snap hook for easy one-handed operation
- Includes: 4 IEC-LR41 coin cell alkaline batteries
- Limited lifetime warranty

Model No.	Description	Price /Each
XC392	*Nano Light*®	9.60
XC393	Replacement batteries - 4 pack	7.50

PENLIGHTS

- Compact, high-powered LED penlights featuring a proprietary Micro Optical System that provides a super bright beam
- Constructed of corrosion proof, machined aircraft-grade aluminum alloy with Type II MIL-Spec anodized plating
- 30,000 hour lifetime 0.5 watt LED never needs to be replaced
- Waterproof per Code IP57; in accordance with specification EN 60529:1992
- Tail cap switching features momentary blink and constant "on" modes
- Matte black finish
- Limited lifetime warranty

XC394 XC395

STYLUS PRO®

- Produces up to 24 lumens
- Run time: Up to 7.5 regulated hours
- Includes: batteries, nylon holster and pocket clip

Model No. XC394
Price/Each $31.80

MICROSTREAM®

- Produces up to 20 lumens
- Run time: Up to 1.5 hours
- Includes: batteries, pocket clip & lanyard

Model No. XC395
Price/Each $26.00

JR.® LED FLASHLIGHT

- Super bright C4 LED is impervious to shock and provides up to 55 lumens
- Up to 4 hours of run time to the 10% output level
- Push-button tail cap – steady on and momentary on/off operation
- Shock-resistant/water-resistant
- Powered by 2 AA alkaline batteries (included)
- Includes: Holster

Model No.	Description	Price/Each
XC247	Jr® LED w/Alkaline Batteries, Black	52.00
BATTERIES		Priced per package
XB872	Replacement Batteries, AA cell, 24/pkg	17.99

STYLUS® PENLIGHTS

- High intensity LED lasts 100,000 hours
- Up to 60 hours of continuous run time
- Models **XB942** and **XC245** have a flexible cable making it possible to see anywhere
- Powered by 3 AAAA alkaline batteries (included)
- Black casing with pocket clip

XB943 XB942 XC245

Model No.	Description	Price/Each
XB943	*Stylus*® Penlight, 3.5 oz.	21.95
XB942	*Stylus Reach*® Penlight - 7" Cable, 3.5 oz.	28.90
XC245	*Stylus Reach*® Penlight - 18" Cable, 3.5 oz.	33.70

POLYSTYLUS® LED PENLIGHT

- Ultra-slim, ultra-tough penlight fits in your pocket
- Non-conductive fibreglass body allows light to be used near electrical circuits
- High intensity 5 mm LED, impervious to shock with a 100,000 hour lifetime
- Runtime: 48 continuous hours to the 10% lumen output level
- Light output: 85 candela peak beam intensity; 9 lumens
- Tailswitch designed for one-handed momentary or constant "on" operation
- IPX4 Rated for water resistant operation
- Length: 6.68"; 1.4 oz.
- Includes: 3 AAAA alkaline batteries and Integral pocket clip
- Limited lifetime warranty

Model No. XC479
Price / Each $24.10

JR. REACH® LED FLASHLIGHT

- Machined aircraft aluminum casing with anodized finish is virtually indestructible
- Includes extension cable that allows for 20" of reach
- Flexible cable protected by a durable PVC coating
- C4 LED is impervious to shock and provides up to 55 lumens
- Run time of up to 4 hours to the 10% output level
- Push-button tail cap – steady on and momentary on/off operation
- O-ring sealed, water-resistant
- Packaged with magnetic clip holder for mounting and positioning
- Powered by 2 AA size alkaline batteries, included in package

Model No.	Description	Price/Each
XC248	Jr. Reach® LED Flashlight w/Alkaline Batteries, Black	63.60
BATTERIES		Priced per package
XB872	Replacement Batteries, AA cell, 24/pkg	17.99

R25027E

FLASHLIGHTS

STINGER®, STINGER® LED, POLYSTINGER® AND POLYSTINGER® LED

- Compact, rechargeable flashlights that are not only durable, but super bright
- Charge time: 10 hours to fully charge; 2.5 hour fast charger model available
- Push button switches on the head for momentary or constant "on-off" switching
- Includes a Nickel Cadmium battery that is rechargeable up to 1000 times
- Optional accessories: safety wands, 5-unit bank charger, ring holder, holster, *PiggyBack*® charger, coloured flip lens covers

STINGER®/POLYSTINGER®

- Feature a xenon bulb with an adjustable focus beam that provides up to (1) hour of continuous run time
- Includes a spare bulb in the tail cap
- *Stinger*® is constructed of aircraft machined aluminum with polycarbonate lens
- *PolyStinger*® is constructed of nylon polymer with non-slip rubber grip

STINGER® LED/POLYSTINGER® LED

- 4 modes of lighting: High, Medium, Low or Strobe
- Features a C4 LED that is impervious to shock and has a 50,000 hour lifetime - never needs to be replaced
- *Stinger LED*® Run times: High beam - Up to 1.75 continuous hours; Medium beam - Up to 3.5 continuous hours; Low beam or Strobe- Up to 6.75 continuous hours
- *PolyStinger*® *LED* run times: High beam - Up to 2 continuous hours; Medium beam - Up to 3.75 continuous hours; Low beam - 7.5 continuous hours; Strobe - Up to 5.5 continuous hours
- *Stinger LED*® constructed of aircraft machined aluminum with polycarbonate lens
- *PolyStinger*® *LED* is constructed of super tough, non-conductive nylon polymer w/nonslip rubber grip

XC047

XC397

XC396

XC480

Model No.	Mfg. No.	Description	Lumens/Candlepower	Approvals	Price /Each
XC047	75014	*Stinger*®	125 lumens; 15,000 CP	UL Class I, II, Div. 2	**161.00**
XC396	76014	*PolyStinger*®	125 lumens; 15,000 CP	UL Class I, II, Div. 2	**151.30**
XC397	75713	*Stinger*® LED	160 lumens	-	**187.00**
XC480	76163	*PolyStinger*®	185 lumens; 24,000 CP	-	**187.00**
XC398	75914	Bulb, *Stinger*®/*PolyStinger*®	-	-	**10.60**
XC399	75175	Battery for all 3 models	-	-	**26.20**

1930 L1 LED LIGHT

- Water resistant light provides a concentrated close quarter beam
- Provides up to 50,000 hours of usage
- Four replaceable LR 44 alkaline coin cells (included)
- Offers up to 130 hours of battery life
- Equipped with a neck lanyard and a handy push button on/off switch
- Colour: Black

APPROVALS

UL Class I, Div 1, Groups ABCD

IECEX Ex ia IIC T4 IP65

Model No. XB352 Price/Each $26.59

PELICAN™
You break it, we replace it... forever.

CONTRACTOR® SERIES INTRINSICALLY SAFE LIGHTS

- Designed to meet the needs of hazardous work environments by combining the major performance advantages of LED without sacrificing brightness
- Chemical-resistant, anti-static polyethylene construction
- Carabiner belt hook on tall cap • Survives 7' drop test
- CUL 913 Certified Intrinsically Safe for Class I, Groups A, B, C and D; Class II Groups E, F and G; Class III
- CAN/CSA C22.2 No. 157-92
- IEC 60529 Waterproof and Dustproof
- Batteries not included

XC324

XC325

Energizer

Model No.	Description	Avg life	Batteries Required	Price /Each
XC324	Three White Nicia CS, 18 Lumens	20 hrs	2 AA Alkaline	**24.79**
XC325	One 1-W Luxeon White, 45 Lumens	70 hrs	2 D Alkaline	**45.79**

PROPOLYMER® FLASHLIGHTS

- Waterproof, non-conductive polymer casings
- Easy to use push button momentary or constant "on-off" switching
- **XC051** and **XC054** feature super bright, 100,000 hour lifetime LEDs
- **XC052**, and **XC055** contain a powerful Xenon bulb
- **XC053**, **XC478**, **XC056** and **XC477** contain a super high flux LED with a 30,000 hour lifetime
- **XC054**, **XC055**, **XC056** and **XC477** include batteries
- **XC051**, **XC052**, **XC053** and **XC478** have a spring loaded clip
- **XC051**, **XC054**, **XC052** and **XC055** are cUL Listed Class I, II, Div. 2, Class III and MSHA approved
- **XC477** and **XC478** are cUL Listed for Class I, II, Div. 1, Class III and MSHA approved
- **XC053** and **XC056** are cUL Listed for Class I, II, Div. 2, Class III

XC051

XC055

XC477

XC478

STREAMLIGHT
Heroes Trust Streamlight

Model No.	Description	Price /Each
XC051	3C LED, 336 Hours of Continuous Run Time	**57.80**
XC052	3C Xenon, 5.5 Hours of Continuous Run Time	**45.30**
XC053	3C Lux® LED, Up to 7.5 Hours of Continuous Run Time	**67.50**
XC478	3C Lux® LED, 4 Hours of Continuous Run Time up to 24 hours at 25% intensity	**72.30**
XC054	4AA LED, 155 Hours of Continuous Run Time	**41.40**
XC055	4AA Xenon, 4 Hours of Continuous Run Time	**36.60**
XC056	4AA Lux® LED, Up to 6 Hours of Continuous Run Time	**57.80**
XC477	4AA Lux® LED, 4 hours of Continuous Run Time with 2 additional hours of declining light	**62.60**

R25028E

MITYLITE® 2340

- 6 1/4" in length and equipped with a handy tail button switch
- Made of an unbreakable chemical resistant resin with a polycarbonate lens and thermoplastic rubber shroud
- Includes a pre-focused *Xenon*® lamp module, shirt clip and 2 AA-cell *Energizer*® alkaline batteries
- Non-submersible

APPROVALS

CSA	Class I, Div 2, Group ABCD, T3C
	Class II, Div 2, Group G
FM	Class I, Div 2, Groups ABCD, T3A
MSHA	10C-637-0
IEC Ex	Ex ib e IIC T4 IP67 IEC EX TSA 06.0021x

PELICAN™ You break it, we replace it... forever.

Model No.	Description	Price /Each
XB349	Black	32.30
XB350	Yellow	32.30
XB351	Replacement bulb	10.94
BATTERIES		**Priced per Package**
XB872	Replacement Batteries, AA-Cell, 24/pkg.	17.99

STEALTHLITE™ 2400

- This 4 AA-cell flashlight is water resistant with an unbreakable corrosion proof ABS body & hi-impact polycarbonate lens
- *Xenon*® lamp module gives an unsurpassed white collimated beam
- Has a one handed on/off locking switch plus a heavy-duty lanyard
- Safe to be used in gaseous or electrical hazardous environments
- Colour: Orange

APPROVALS

FM	Class I, Div 2, Group ABCD, T3A
MSHA	10C-633-0
CSA	Class I, Div 2, Group ABCD, T3C
	Class II'Div 2, Group G
UL	Class I, Div 1, Group D, Zone 1, IIA, T3
Ex (CE)	II 3 GD EEx nL IIC T5 sni 135°C

PELICAN™ You break it, we replace it... forever.

Model No.	Description	Price /Each
XA026	Stealthlite™ 2400	55.13
XA019	Replacement bulb	18.98
BATTERIES		**Priced per Package**
XB872	Replacement Batteries, AA-Cell, 24/pkg.	17.99

ACCESSORIES FOR MITYLITE® & STEALTHLITE™

HELMET LIGHT HOLDERS (XA974)

- Standard Clip
- Fits *Pelican*™ flashlights 1900, 2250, 2340, 2400

UNIVERSAL HARD HAT KIT (XC364)

- Compatible with most known helmets
- Includes: Multiple hard hat attachments and flashlight mounting brackets
- Fits *Pelican*™ flashlights, 2300, 2320, 2330, 2340, 2390, 2400, 2410, 2420, 2430, 2450, 2460, 3320, 3330

PELICAN™ You break it, we replace it... forever.

Model No.	Description	Price /Each
XA974	#700 Open Sided Clip	24.95
XC364	#770 Universal	24.95

MITYLITE™ 2430

- Tough ABS contoured body is water-resistant
- Convenient tail switch allows for easy one-handed operation
- 4 hours of continuous run time
- 32 lumens of xenon light
- Requires 4 AA batteries
- Included clip easily attaches to helmet or hard hat for hands-free operation

APPROVALS

UL	Class 1: Div 2, Group: C,D, T2A

PELICAN™ You break it, we replace it... forever.

Model No.	Description	Price /Each
XC076	Yellow	37.06
XC075	Black	37.06
XC077	Replacement xenon Bulb	7.85
BATTERIES		**Priced per Package**
XB872	Replacement Batteries, AA-Cell, 24/pkg.	17.99

MITYLITE™ 1900

- Made of unbreakable space age hi-impact polycarbonate resin
- 4.09" in length
- *Xenon*® lamp module provides 7.0 lumens of power
- Equipped with a shirt clip, making it easy to fit into pockets, purses, tool kits, camera bags or glove compartments
- Submersible with a twist on shroud
- Includes 2 AAA alkaline batteries

APPROVALS

CSA	Class I; Div 2; Group ABCD, T3C
	Class II; Div 2; Group G
IEC EX	Ex ib e IIC T4 IP67 IEC Ex TSA 06.0021X

PELICAN™ You break it, we replace it... forever.

Model No.	Description	Price/Each
XA027	*Mitylite*™ 1900 Series	21.83
XA018	Replacement bulb	8.09

R25029E

FLASHLIGHTS

PELILITE™ 1800

- Water resistant flashlight is made of unbreakable ABS material with a hi-impact polycarbonate lens
- Xenon lamp module provides 400% more light
- 2 C-cell batteries not included
- Length 6"
- Colour: Orange

APPROVALS

FM	Class I, Div. 2, Group ABCD/ Class II, Div. 2, Group G; T4
MSHA	10C-628-0
CSA	Class I, Div. 2, Group ABCD, T3C Class II, Div. 2, Group G
UL	Class I, Div. 2, Group D, Class 1, Zone 2, Group IIA, T3

PELICAN™
You break it, we replace it... forever.

Model No.	Description	Price/Each
XA034	*PeliLite*™ 1800	42.76
XA017	Replacement bulb	18.87
BATTERIES		**Priced per package**
XB874	Batteries, C-Cell, 12/pkg.	19.40

SABRELITE® 2000

- Watertight to 500 feet
- Made out of unbreakable ABS material with a hi-impact polycarbonate lens
- Has an exclusive state-of-the-art xenon lamp module that produces a tightly focused collimated white light beam with 33 lumens of power
- Safe to be used in gaseous or electrical hazardous environments
- Requires 3 C-cell (batteries not included)
- Length: 7.79"
- Includes: Belt spring clip, stainless steel split ring and black lanyard

APPROVALS

FM	Class I, II, Div 2; Group ABCD/G, T3C
MSHA	10C-629-2
CSA	Class I, Div 2; Group ABCD,T3C Class II, Div 2; Group G
IEC EX	Ex ib e IIC T4 IP67
UL	Class I, Div I, Group CD, Class I, Zone I, Group IIA, IIB,T3C

PELICAN™
You break it, we replace it... forever.

Model No.	Description	Price/Each
XA129	Yellow	54.18
XA130	Black	54.18
XA012	Replacement bulb	19.79

M10 8040 TACTICAL LIGHT™

- Body is made of *Xenoy*® with unbreakable hi-temperature nylon lens
- Sure grip sheath and head made of thermoplastic rubber, resists chemicals and perspiration
- Pre-focused xenon beam
- O-ring sealed
- Requires 4 C-cell alkaline batteries
- Length: 11.25" • Colour: Black

APPROVALS

CSA:	Class I; Div. 2, Groups ABCD, T3C; Class II Div. 2 Group FG -35° to +40°C
MSHA:	10C-649-0
FM	Class I; Div. 2; Groups ABCD, T3A Class II, III; Div. 2 Groups FG, T4
UL	Class I; Div. 2; Groups D, T3A
IEC EX	Ex ib e IIC T3 IP50 IEC Ex TSA 06.0021X

PELICAN™
You break it, we replace it... forever.

Model No.	Description	Price/Each
XA971	M10 8040 Tactical light, 4 C-Cell	75.11
XA972	Replacement Bulb	21.83
BATTERIES		**Priced per Package**
XB874	C-Cell, 12/Pkg.	19.40

RECOIL LED™ FLASHLIGHTS

- Cutting edge *Recoil LED*™ *Technology*™, up to 33 times brighter than regular LED lights
- Focuses the light by firing backwards. 100% of the light is captured and reflected forward
- Tested lumen value: 32

SABRELITE™ 2010 RECOIL LED™

- Rugged, lightweight *Xenoy*® body
- White collimated beam as bright as an incandescent light
- Submersible to 500 feet

PELICAN™
You break it, we replace it... forever.

XC062

APPROVALS

CSA	Class I, Div. 1, Group D Class I, Div. 2, Group ABCD Class II, Div. 2, Group FG, T3C
US FM C	Class I, Div. 1, Group D Class I, Div. 2, Group ABCD Class II, III, Div. 1, Group FG

STEALTHLITE™ RECOIL LED™

- ABS body with polycarbonate lens
- One-handed safety switch operation
- Submersible to 500 feet

XC066

APPROVALS

FM	Class I, Div. 2 Group ABCD T4A; Class II, Div. 2 Group FG

LITTLE ED™ 3610 RECOIL LED™

- ABS body with polycarbonate lens
- Powerful right angle flashlight
- Water resistant
- One-handed safety switch operation

XC072

APPROVALS

FM	Class I, Div. 2 Group ABCD T4A; Class II, Div. 2 Group FG

Model No.	Description	Price/Each
SABRELITE™ 2010 RECOIL LED™		
XC061	Black	88.43
XC062	Yellow	88.43
XC063	Replacement "O" Ring	1.95
XC064	Yellow Traffic Wand	18.49
XC065	Orange Traffic Wand	18.49
STEALTHLITE™ 2010 RECOIL LED™		
XC066	Black	87.48
XC067	Yellow	87.48
LITTLE ED™ 3610 RECOIL LED™		
XC072	Black	98.90
XC073	Yellow	98.90
XC074	Replacement "O" Ring	1.95

R25030E

BIG ED™

3700 ALKALINE & 3750 RECHARGEABLE

- New right angle flashlight specifically designed for firefighters
- Made of unbreakable chemical resistant *Xenoy*® with a polycarbonate lens and thermoplastic rubber shroud
- Momentary and constant on/off switch
- Features the quick change battery ejection system and spare emergency lamp
- Water resistant
- Length: 7"
- Colour: Yellow

3700 ALKALINE

- Requires 4 C-cell alkaline batteries

3750 RECHARGEABLE

- Complete with a 4C NiCad battery pack

APPROVALS

UL Class I, Div 2, Groups ABCD, T2B

XB355

XB354

PELICAN™
You break it, we replace it... forever.

Model No.	Description	Price/Each
XB354	Big Ed™ Alkaline	139.00
XB355	Big Ed™ Rechargable	328.00

SURVIVOR® LED

XC403

XC401

- Brightest right-angle LED flashlight available
- Features a C4 LED with a 500 ft. range and optimal peripheral illumination
- LED produces up to 100 lumens and has a 50,000 hour lifetime
- Raised 3 position push button switch features: High, Low and Strobe modes
- Run Times: High Beam - Up to 3 hours; Low Beam - Up to 6 hours
- Constructed of high-impact, super-tough nylon for durability and o-ring sealed for water-resistance
- Unbreakable polycarbonate lens with silicone anti-scratch coating
- Rechargeable models also include alkaline battery pack (alkaline batteries not included)
- Operates on 4 AA alkaline or rechargeable NiCad battery pack
- Serialized for easy identification
- UL Approved for Class I, Div 1, Groups C&D; Class I, Div 2, Groups A, B, C, D; Class II & III, Div 2 (Alkaline & Rechargeable)

STREAMLIGHT
Heroes Trust Streamlight

Model No.	Mfg. No.	Description	Colour	Price /Each
XC400	90513	*Survivor*® LED Rechargeable	Yellow	198.00
XC401	90503	*Survivor*® LED Rechargeable	Orange	198.00
XC402	90540	*Survivor*® LED Alkaline	Orange	90.60
XC403	90541	*Survivor*® LED Alkaline	Yellow	90.60
XC404	90338	Alkaline Battery Pack	-	59.20
XC405	90542	NiCad Battery Pack (Rechargeable)	-	13.80

KINGLITE™ 4000

- 12 V, 14 W
- Unbreakable ABS body with a high impact polycarbonate
- Dual filament xenon back-up safety lamp with 30 hours of light in each filament
- Battery protection system that protects batteries from hard abuse
- Multi-position handle
- Complete with xenon lamp module and lanyard
- Non-submersible
- Operates 10-12 hours on 8 D-cell alkaline batteries (not included)
- Length: 9 3/8"

APPROVALS

FM Class I; Div 2; Group CD, T1

CSA Class I; Div 2; Group ABCD, T3C
Class II; Div 2; Group G

PELICAN™
You break it, we replace it... forever.

Model No.	Description	Price/Each
XA112	*Modified Spot*™ - Black	156.00
XA114	*Modified Spot*™ - Yellow	156.00
XA029	Replacement bulb	24.69
BATTERIES		Priced per Package
XB875	Batteries, D-Cell, 12/pkg.	21.49

LED FLEX-NECK FLASHLIGHT

- Work hands free in bright LED light; magnetic base attaches to any metal surface
- 15" flexible neck directs 45 lumens of bright LED light
- Aerospace grade aluminum no-slip body is hard anodized for extreme durability
- Push button on/off tail switch allows for easy operation
- 15 hours of burn time on two standard AA batteries (not included)

Model No. XC517 Price/Each $69.95

REPLACEMENT BATTERY

Model No. XB872 Price/Each $17.99

PELICAN™
You break it, we replace it... forever.

Can't find what you're looking for?
Call us today!

R25031E

FLASHLIGHTS

FIRE VULCAN® LED

- Lightweight, waterproof lantern features super bright C4 LED technology and two Blue tail light LEDs that provide illumination both in front of and behind the lantern
- C4 LED produces up to 80,000 Candela (Peak Beam Intensity), is impervious to shock and has a 50,000 hour lifetime
- The 2 ultra-bright blue taillight LEDs can be seen through thick smoke
- Run Times: Steady LED and taillights - Up to 3 hours to the 10% output level (High) and up to 6 hours (Low)
- 8 total programmable functions - 4 functions when toggle switch in "left" position and 4 functions when toggle switch is in "right" position
- Deep dish parabolic reflector produces a tight beam with optimum peripheral illumination
- IPX rated design - waterproof to 1 meter for 30 minutes
- Raised handle and toggle "on-off" switch ensure ease of use with a gloved hand
- Super lightweight lithium ion battery recharges in 5 hours
- Serialized for positive identification
- Includes shoulder strap, AC & DC charge cords and charging rack

Model No. XC406 **Mfg No.** 44450 **Price/Each $250.60**

STREAMLIGHT Heroes Trust Streamlight

LITEBOX® LANTERNS

- Made of high impact ABS thermoplastic with rubberized bumper, lens ring and cushioned grip handle
- "Smart" power failure system (**XC048**) turns on automatically when the power goes off
- Rechargeable up to 500 times
- High intensity 8 W spot halogen lamp produces up to 80,000 candlepower for 9 hours of continuous run time per charge
- Includes: 120 V AC charge cord, 12 V DC charge cord and mounting rack

XC050

XC048

STREAMLIGHT Heroes Trust Streamlight

Model No.	Description	Price/Each
XC048	Power Failure System	213.00
XC050	Lantern with Shoulder Strap	202.40

HID LITEBOX® LANTERNS

- One million candlepower rechargeable search light illuminates objects up to 1 mile away
- Constructed of high impact ABS thermoplastic with elastomer impact bumper and cushioned grip handle
- Contains one 35 Watt H.I.D. xenon lamp and two 5 mm 100,000 hour lifetime LEDs
- Xenon lamp produces up to 1,000,000 candlepower (3350 Lumens) for up to 1.75 hours between charges
- Two navigation LEDs produce up to 9 Lumens each for up to 100+ hours
- Deep dish parabolic reflector produces a long range, high intensity, focused 1 million candlepower beam
- Fully articulating head can be aimed precisely at target
- Has the intensity and peripheral illumination to light up an entire scene, construction site and remote equipment
- Zero maintenance 12 V, 7.2 Ah sealed lead acid battery is rechargeable up to 500 times
- Fits existing *LiteBox®* charge racks

Model No. XC407
Mfg. No. 45601
Price/Each $803.80

STREAMLIGHT Heroes Trust Streamlight

2,000,000 CANDLEPOWER SPOTLIGHTS

- Quartz halogen beam technology for maximized beam power and distance
- Durable black ABS housing and non-skid rubber bezel
- 12-volt, 2.8 amp battery/100-watt quartz halogen bulb
- **XC385** features an internal, memory-free rechargeable battery with 15-20 minutes operating time on a full charge and comes with 110-volt & 12-volt charging cords, and a 12-volt cord for continual powered operation
- **XC408** operates from any standard 12V cigarette lighter receptacle

Model No.	Mfg. No.	Description	Price /Each
XC385	QR-2002	Cordless Rechargeable Spotlight	92.40
XC408	QH-2002	Corded Spotlight w/ 12 V Plug	56.60

LIND EQUIPMENT

R25032E

INDUSTRIAL SAFETY FLASHLIGHTS

- Chemical, grease and impact resistant
- Shatterproof lens
- Ribbed non-slip, non-roll barrel
- Also available in lantern type style for easy handling
- CSA certified Class 1, Group C and D, Class 2 Group G
- Batteries not included

Energizer

Model No.	Batteries	Wt. lbs.	Price/Each
XA396	2 D-Cell	0.45	**12.80**
XA398	1 6 V Spring	1.0	**31.26**

TWIN-TASK® 3 AAA LASER

- Pre-focused visible red laser
- Heavy-duty drop-tested machined aluminum construction
- Micro-faceted reflector for smooth focus
- Unbreakable glass lens
- 3.6 V, 0.9 A high pressure Xenon bulb; 100,000 hour life ultra-bright LEDs
- Xenon bulb: Up to 57 lumens
- LED: Up to 21 lumens (5 white LEDs)
- Run-time: Up to 2.25 hours (Xenon bulb); up to 12 hours (5 LEDs)
- O-ring sealed, water resistant
- Uses 3 AAA size alkaline batteries
- Holster included
- Limited Streamlight lifetime warranty

STREAMLIGHT Heroes Trust Streamlight®

Model No.	Description	Price/Each
XC246	Twin-Task® 3 AAA Laser, Black	**49.20**

INDUSTRIAL FLASHLIGHTS

- Super tough body resists grease and chemicals
- Bright yellow colour for high visibility
- Easy-to-operate switch
- Shatterproof lens
- Ribbed non-slip, non roll barrel
- Batteries not included

Energizer

Model No.	Batteries	Wt. lbs.	Price/Each
XA393	2 AA-Cells	0.1	**6.49**
XA394	2 D-Cells	0.4	**7.49**
REPLACEMENT BULBS			
XB357	2 AA-Cell Replacement Bulb		**3.89**

HEAVY-DUTY RUBBER FLASHLIGHT

- Durable rubber construction
- Ribbed body for sure grip
- Water and shock resistant
- Push-button switch for easy handling
- Uses 2 D-cell batteries, not included

Model No. SJ148 Price/Each $10.66

REPLACEMENT BATTERIES

Model No. XB875 Batteries, D-cell, 12/pkg.
Price/Each $21.49

Energizer

WEATHERPROOF FLOATING LANTERN

- Weatherproof
- 6 V spring battery or 4 D batteries not included

Model No. XA405
Mfg. No. 1700 **Price/Each $14.78**

REPLACEMENT BATTERIES

Model No. XB875 D 11.5 V, 12/pkg
Price/Pkg $21.49

REPLACEMENT BATTERIES

Model No. XA430 6V spring
Price/Each $13.95

Energizer

LANTERN LIGHT

- ABS plastic lantern head with push-button switch
- 6 V screw type battery, not included

Model No. XA408
Price/Each $25.79

Energizer

R29651E

FLASHLIGHTS

HARD CASE PROFESSIONAL™ LED INSPECTION LIGHT

- Bright *Cree*® 1/2 W LED delivers 30 lumens
- Slim and compact size
- Survives a 15' drop
- Shatterproof lens
- Water resistant
- Impact resistant rubber head and tail with no slip grip
- Lifetime push button switch
- Includes: 2 long-lasting AAA *Energizer*® Alkaline batteries and nylon pouch

Model No. XC466
Mfg. No. TUFPL22PH
Price/Each $24.78

REPLACEMENT BATTERY
Model No. XB873
Price/Each $22.95

HARD CASE PROFESSIONAL™ 2AA/4LED SWIVEL LIGHT

- Bright white 3 W *Cree*® LED delivers 80 lumens
- 3 Nichia LED's –2 red for night vision, 1 green for pipe inspection
- Rugged shatterproof lens
- Survives 25' drop
- 4-hour runtime
- Push button trigger switch
- Integrated belt clip
- Impact resistant rubber case
- Includes: 2 long lasting *Energizer* AA batteries

Model No. XC465
Mfg. No. TUFSW21PH
Price/Each $ 39.95

REPLACEMENT BATTERY
Model No. XB872
Price/Each $17.99

HARD CASE PROFESSIONAL™ 2 AA FLASHLIGHT

- Survives 30' drop test
- Weatherproof
- Shatterproof lens
- Impact resistant steel plate bolted sides
- 3 *Nichia* LEDs
- 30-hour run time
- Batteries and belt storage pouch included

Model No. XC234
Mfg. No. TUF2AAPEH
Price/Each $23.49

REPLACEMENT BATTERY
Model No. XB872
Price/Each $17.99

HARD CASE PROFESSIONAL™ 4 AA FLASHLIGHT

- Survives 15' drop test
- Weatherproof
- Shatterproof lens
- Impact resistant steel plate bolted sides
- 4 *Nichia LEDs*
- 17-hour run time
- Batteries included

Model No. XC235
Mfg. No. TUF4AAPEH
Price/Each $29.95

W/SWIVEL HEAD
Model No. XC236
Mfg. No. TUF421PEH
Price/Each $34.95

REPLACEMENT BATTERY
Model No. XB872
Price/Each $17.99

HARD CASE PROFESSIONAL™ 4 C SPOT LANTERN

- Survives 15' drop test
- Weatherproof
- Shatterproof lens
- Impact resistant steel plate bolted sides
- 3-watt *Luxeon*® LED
- 30-hour run time
- Batteries included

Model No. XC237
Mfg. No. TUF4CPEH
Price/Each $44.95

REPLACEMENT BATTERY
Model No. XB874
Price/Each $19.40

HARD CASE PROFESSIONAL™ 4 D LED LANTERN

- Survives 30' drop test
- Weatherproof
- Shatterproof lens
- K2 LED, 100 lumens
- 25-hour run time
- 4 D cell batteries not included

Model No. XC444
Mfg. No. TUF4DPH
Price/Each $59.95

REPLACEMENT BATTERY
Model No. XB875
Price/Each $21.49

R25034E

ENERGIZER® BATTERIES

Model No.	Mfg. No.	Description	Qty /Pkg.	Price /Pkg.
ALKALINE INDUSTRIAL PACKAGING				
XB873	EN92	AAA/1,5 V	24	**22.95**
XB872	EN91	AA/1,5 V	24	**17.99**
XB874	EN93	C/1,5 V	12	**19.40**
XB875	EN95	D/1,5 V	12	**21.49**
XB876	EN22	9 V	12	**34.98**
ALKALINE				
XC001	E96BP2	AAAA/1,5 V/ E2	2	**7.19**
XA430	529	Lantern, 6 V, Spring	1	**13.95**
XB996	A76BP2	1,5 V, Instruments	2	**2.39**
SILVER OXIDE				
XB992	357BP	1,5 V, 11,6 mm x 5,4 mm	1	**1.89**
XB993	377BP	1,5 V, 6,8 mm x 2,6 mm	1	**2.74**
XB994	392BP	1,5 V, 7,9 mm x 3,6 mm	1	**1.59**
LITHIUM				
XC002	ECR2016BP	Coin Type, 3 V	1	**4.29**
XC003	ECR2025BP	Coin Type, 3 V	1	**4.49**
XC004	ECR2032BP	Coin Type, 3 V	1	**1.95**
XC005	ECR2450BP	Coin Type, 3 V	1	**5.79**
XC006	EL123APBP	Photo, 3 V	1	**7.95**
XC007	EL1CR2BP	Photo, 3 V	1	**14.99**
XC008	EL223APBP	Photo, 6 V	1	**15.95**
XC009	EL2CR5BP	Photo, 6 V	1	**14.99**
XC012	L91BP2	AA/1,5 V	2	**11.89**
XC013	L91BP4	AA/1,5 V	4	**22.79**
XC015	L92BP2	AAA/1,5 V	2	**12.95**
NIMH RECHARGEABLE				
XC016	NH12BP2	AAA	2	**15.95**
XC017	NH15BP4	AA	4	**27.49**
XC018	NH22NBP	9 V	1	**19.95**
XC019	NH35BP2	C	2	**19.95**
XC020	NH50BP2	D	2	**19.95**
GARAGE DOOR				
XB995	A23BP	12 V	1	**3.59**

Energizer®

ALKALINE

XB872

XB875

XB876

ALKALINE

XC001

SILVER OXIDE

XB992

XC010

LITHIUM

XC012

XC015

XC007

XC008

BATTERY CHARGERS

- **XB997**, **XB998** come with 4 AA NIMH batteries; **XB999** comes with 2 AA and 2 AAA NIMH batteries
- Can charge AA or AAA batteries
- Ideal for travelling and digital cameras
- Certified for sale in Canada by an accredited certification body

XB998

XB997

XB999

Model No.	Mfg. No.	Description	Charge Time	Price /Each
XB997	CH15MNCC4	Wall & Car	15 Minutes	**86.49**
XB998	CHCARCP4	Car	2 Hours	**43.49**
XB999	CHDCWB4	Overnight, Compact	8.5 Hours	**39.95**

NiMH RECHARGEABLE

XC017

XC016

XC019

XC018

GARAGE DOOR

XB995

PORTABLE CELL PHONE CHARGER ENERGI TO GO®

- Great for emergencies, travel, and outdoor activities
- Compatible with most cell phone brands
- Lightweight and convenient
- Allows you to talk and charge at the same time
- Works quickly: place a call just 30 seconds after activating
- 2 *Energizer® Ultimate™* Lithium AA batteries (**XC012**) provide up to 10 hours of talk time and 12 days of stand by time

Model No. XC481
Price/Each $44.95

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